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ENGINEERS' SALARIES: SPECIAL INDUSTRY REPORT 1990

A Report of an Annual Survey
Conducted by the

ENGINEERING MANPOWER COMMISSION
of the
AMERICAN ASSOCIATION OF ENGINEERING SOCIETIES, INC.

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EMC conducts annual surveys of industry and schools of engineering, monitors trends in the supply of and demand for engineers, and produces annual reports on engineering enrollments, degrees, and salaries. In addition to its statistical studies, EMC also produces the *Engineering Manpower Bulletin,* which assesses trends in the engineering workforce including participation in the profession by women and ethnic minorities.

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The Engineering Manpower Commission wishes to express its grateful appreciation for the cooperation of the hundreds of organizations that provided the data on which this report is based.

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ENGINEERS' SALARIES:
SPECIAL INDUSTRY REPORT, 1990

INTRODUCTION

This is the 24th Engineering Manpower Commission survey of the compensation of engineers in the United States. As in our previous salary studies, the data were gathered from employers, who submitted summaries of the base compensation of their engineers, classified by levels of experience, supervisory responsibility, and academic preparation. By classifying the participating organizations, the survey also provides comparisons of salaries among differing industrial sectors, geographic regions, and sizes of employers.

EMC salary surveys do *not* provide data on salary variations among the various engineering disciplines, such as differences in median pay among civil, electrical, and mechanical engineers. Obtaining these details would raise the burden that the survey places on its participants to unacceptable levels. It would also raise complex problems of classification, because the labels that are applied to engineering education programs do not always accurately describe the graduates' subsequent work. Where a degree of correspondence exists between particular engineering disciplines and employment sectors, EMC's data can provide some clues about the salaries that may be associated with different kinds of engineering training. For example, although this report does not report salaries for chemical engineers *per se*, it does report salaries paid to engineers of all kinds by the chemicals industry. But for disciplines like mechanical engineering (whose graduates may be found in virtually every sort of technical workplace), or for a sector like the federal government (which hires all types of engineers), these linkages between training and subsequent employment do not apply.

The data reflect base salaries as of February 1, 1990. Responding organizations were instructed to exclude all irregular forms of compensation, such as one-time bonuses, overtime payments, stock options, etc. (however, beginning with the 1989 survey, EMC is obtaining information on the *proportion* of engineers who receive special incentive compensation; see below). Data were requested for all full-time engineering graduates, including those in nontechnical or managerial positions (some employers advised EMC, as they have in the past, that top management personnel with engineering backgrounds were not included in their responses). Occasionally, data were also provided for non-graduates classed by their employers as fully qualified engineers; such cases, which are infrequent, were treated as equivalent to engineers with B.S. degrees.

Salaries are presented in the form of statistical tabulations, with details for upper and lower deciles, upper and lower quartiles, medians, and means (all of these terms are explicitly defined below). These data are spread across 18 levels of experience, based on the number of years since attainment of the bachelor's degree (age is used to estimate experience in cases where data on the year of graduation is not available). In addition, summaries of these statistics across all levels of experience are included. Both raw salary statistics and smoothed-curve estimates across the experience levels are reported. Graphed maturity curves based on the smoothed results are provided for all tabulations except those dealing only with details for engineers with particular kinds of degrees (bachelor's, master's or doctorate).

As in 1989, we have accelerated the production of this report so that it can be issued much sooner, by July of the applicable year, to enhance its value for compensation planning and other purposes. Despite the fact that participants have less time than before to complete their responses to the survey, the project is growing. The number of engineers in industry represented by the data grew from 111,150 in 1989 to 115,606 in 1990; the number of participating companies increased from 279 to 301.

Other changes adopted in recent years are continued in the 1990 survey. Tabulations include raw salary statistics as well as EMC's usual smoothed-curve results, and technical refinements have been incorporated in our curve-smoothing methods. Details about these and other modifications of the methods used by EMC for these studies are provided below.

The Engineering Manpower Commission has been engaged in studies of engineering compensation for

over 35 years. EMC's salary reports began in 1953 with *Professional Income of Engineers*, which continues today as an abridged version of this report (it does not show details for those with B.S., M.S., or Ph.D degrees). The *Special Industry Report* began to appear in 1966. Originally, EMC's salary surveys were done every three years, then every two years; beginning in 1980, they began to be issued annually. EMC also conducts biennial surveys of the compensation of engineering educators; such a study was done in 1990 *(Salaries of Engineers in Education)*. In addition to these detailed statistical volumes, a summary of the results of this survey, with special data on trends over time, is available in "Engineering Salaries, 1990" issue number 103 (July, 1990) of the *Engineering Manpower Bulletin*. EMC also provides custom tabulations of its salary data base, such as frequency distributions of the data across salary brackets or reports on other groupings of the participating organizations, by special request. For prices and information on orders, see the inside back cover of this report.

The goal of EMC's salary studies is to determine current levels of compensation for engineers and to report on trends over time. EMC does not evaluate individual salary situations, nor does it advise employers on rates that should be paid for specific positions. Indeed, our own data demonstrate that for any specific combination of employment sector, supervisory responsibilities, education, and experience, variations between the top and bottom salaries reported for the position (as measured by high and low deciles) are likely to be as great as the distinctions introduced by differences in any of the other factors. In short, variations in engineering pay within specific matched positions can be as large as variations between positions, even when the latter distinctions entail substantial differences in employment sectors, education, responsibility, or experience. On the whole, individual salaries are influenced by many considerations, including the economic conditions of particular industries and firms, and the skill, performance, and negotiating ability of particular people.

SURVEY METHODOLOGY

Questionnaires were mailed in January, 1990 to EMC's national list of engineering employers. This listing is updated every year, using *Peterson's Guide to Engineering, Science, and Computer Jobs* (Princeton: Peterson's Guides, published annually), industry and trade directories, employment notices, and the Engineering Manpower Commission's internal records of participants in past surveys.

Copies of the survey instruments are provided in the appendices to this report. Usage of EMC's traditional matrix-style survey forms has declined greatly. Most smaller organizations—those with 50 or fewer engineers—now use our alternative "short form" questionnaires, first introduced in 1987, which provide a more convenient way to report their data. Most larger organizations are now providing their information in the form of simple ASCII text files on floppy disks. Since 1987 when EMC first experimented with this form of response, its use has steadily increased; in 1990, information on 43,157 engineers was provided in machine-readable form. We will continue to urge participants, especially the largest ones, to submit their responses this way, as it substantially reduces labor burdens for both the respondents and ourselves, and it helps reduce the effort needed to correct errors from EMC's data entry. We will continue to provide the older matrix-style forms as an alternative for our respondents, however, as long as significant numbers of participants make use of them.

As noted earlier, responses to the survey representing 115,606 engineers were obtained from 301 private sector organizations. In addition, EMC also obtained data on the salaries of 5,476 engineers employed by 26 agencies of federal, state or local governments (salaries for the government engineers are reported separately in *Professional Income of Engineers*), and on 14,744 engineering educators (reported in *Salaries of Engineers in Education*). Further processing of the data included these steps:

1. Preliminary tabulations were run to confirm manual counts of the number of responding organizations and the number of engineers represented by the data for each company and industrial sector. Data provided by participants are reviewed to see if implausibly large numbers of engineers have been reported as inexperienced and highly paid, or very experienced and poorly paid, which could be a sign of errors on the respondent's part in compiling the information. Such problems are rare.

2. Participants were assigned to sectors on the basis of their responses to an item on the survey forms that asked each organization to indicate how it should be classified. Many participants were classed in two or more sectors (see the appended list of responding organizations for details). Final sectoral groups were formed only if at least five responding organizations and at least 200 engineers were represented. Participants who did not fall into a conventional industry category, or whose preferred sectors could not be formed, were grouped into three residual categories:

other durable goods manufacturers, other nondurable goods manufacturers, and *other non-manufacturers.* See the table "Distribution of Responses, 1990" below, for a list of the final sectors. In addition, the organizations included in each sector are identified in the appendices.

3. Within sectors, no one responding organization was permitted to account for more than one-half (50 percent) of the data points—number of engineering salaries—reported for the sector. Weighting was used to carry out these adjustments, which have the effect of limiting the influence of any single organization on the results of the survey. In most cases, the actual effects of these adjustments were negligible, because weighted organizations only rarely vary greatly from others in the same sector in their salary practices.

4. Within sectors, further divisions of the data to isolate such subgroups as supervisors, engineers with master's degrees, etc., can have the effect of reducing the size of data pools below the 200-case minimal standard. In such cases, no salary statistics were generated.

5. Across sectors, in estimates of combined-industry salaries for such groups as electric and gas utilities, all manufacturers, etc., the data were weighted again to bring the sector-by-sector distribution of engineers into line with the actual distribution of engineers in the work force. As in other recent EMC salary surveys, the basis for this second set of weights is the U.S. Bureau of Labor Statistics' industry-and-occupation matrix. The matrix is a computer-based model maintained by the Office of Economic Growth at BLS, and accounted for some 1.4 million employed engineers as of 1988. The table, below, on the distribution of responses includes the BLS data for the numbers of engineers in the several sectors. Also, weights for the "All Industries" summary are reported. It is apparent that EMC's data base, which is not a random sample, roughly parallels the actual engineering labor force in its distribution among the major types of industries. The unweighted data tend to overrepresent the chemical and utility sectors, and to underrepresent the non-electric machinery and precision instrument sectors; weights reduce these biases as well as a number of less prominent differences between EMC's data base and the distribution of engineers, as estimated by BLS, in the U.S. industrial economy.

6. The raw medians, quartiles and other percentiles were developed by straight-line interpolation within salary brackets, rounded to the nearest $50. The median, or 50th percentile, provides an illustration. The median for any ranked distribution is that value that divides the data in half, with 50 percent of the cases above it and 50 percent below. For example, if there are 249 engineers with a given level of experience in a sector, the median salary for this level of experience is the value of the 125th data point. EMC's data are grouped into salary brackets, so calculation requires one to determine which group of salaries contains this median point. Interpolation then yields the final raw result; continuing the example, if the 125th point happens to be the 20th case in the $36,000-$37,999 bracket, and if there are 39 cases in this bracket, then the median value is $37,000. Calculation of the deciles and quartiles is similar, except that in those cases the statistics cut the data into quarters or tenths.

7. Statistics for deciles, quartiles, medians, and means were not computed if the number of data points for those with a given level of experience (years since obtaining the B.S. degree) was either ten or less, or less than one percent of all the cases in the data set; if the data were for supervisors with less than four years of experience; if the data were for engineers with master's degrees and less than two years' experience; or if the data were for engineers with doctoral degrees and less than five years' experience.

CURVE SMOOTHING

As in the past, EMC's final salary statistics were generated from raw results using four-parameter smooth curves computed by the least squares method. Raw statistics were converted, using data across all levels of experience, into curves of the form

$$y = ax^z + bx + c$$

where y = the reciprocal of the salary and x = (43 minus the number of years since the first degree). The computational algorithm yields values for the parameters a, b, c and z which minimize the sum of the squares of the differences between the raw and smooth values of y. The squared differences are weighted by the number of cases associated with each set of data points. Transformed values are used to improve the precision of the computation.

This approach to curve smoothing was adapted by Richard C. Fremon (a former chairman of the Commission and presently an emeritus member) from similar routines he developed for salary curve smoothing at AT&T's Bell Laboratories in the 1960's, and has been used by EMC since 1967. In reprogramming the routines for use on EMC's new computing

systems, some new wrinkles have been added. Improved handling of values arbitrarily used for beginning and ending salary brackets—in 1990, for salaries of more than $125,000 or less than $22,000 per annum—eliminated difficulties experienced in the past when top salaries for some of the most highly paid engineers, such as senior supervisors in the petroleum industry, tended to be artificially depressed. Also, graphing routines were adjusted so that plotted curves accurately reflect the actual value assumed for the top experience bracket (39 years).

A more fundamental adjustment has been EMC's increasing allowance for the fact that more than one "minimal" sum of squares can be computed for most of these salary data, depending on what values are assumed at the beginning of the process. EMC's traditional program iterated the computations until the sum of the squared differences began to rise; at that point the process would end and the previous results would be used as final values. In some distributions of the data (for example, when the statistics were dominated by a pair of companies with very dissimilar salary scales) this approach could yield unsatisfactory results. In the more common curve smoothing exercises employed by many corporations to examine compensation practices, such problems can be handled through trial-and-error tests until a satisfactory outcome is reached. That sort of solution is less feasible for EMC, both because of the volume of curves the project generates, and because highly consistent methods are needed to provide a degree of comparability among different results in any one year, as well as among results over time, from one year to the next.

To provide improved results while still adhering to predictable methods, the curve-smoothing program was adjusted in 1987 to test the value of the exponent z, which ordinarily begins at 1.0, incrementing in steps of 0.1 until the sums of squares no longer shrink. When this process was completed for any given set of data, z was inspected to determine if it had only reached a relatively small value (2.0 out of a possible top value, set arbitrarily, of 15.0). If not, the process was automatically restarted, running a second time after re-initializing z to the higher starting value of 2.0.

This change leads, in almost every case, to the generation of a *pair* of curves—which is to say that EMC's original approach almost always yielded a solution before z had reached a very large value. Restarting the procedure provides a second possible solution and a second set of smooth curves, which can then be compared with the original set to choose the one with the best fit to theory (e.g., that salaries should increase most rapidly in early years and flatten with greater experience), as well as a good fit to the original data (that is, the curves should not grossly distort the raw results). The final curves are selected by choosing the version that comes closest to the raw data for the starting (less than one year), ten, and 25-year experience brackets (in some cases, adjacent brackets are used to compare the pair of curves, because of obvious sampling problems in the raw statistics). In 1990, EMC also computed and used curves with still higher initialization values of z, for a few cases where continuation of this iterative process resulted in more satisfactory outcomes. Over 95 percent of the curves depicted in this report were derived by iterations that were initialized at $z = 2.0$. The aerospace sector curves respond best to initializations at $z = 1.0$ (the same is often true for the relatively flat maturity curves developed by EMC for such groups as engineers in education). In a few cases, initialization values as high as 4.0 were used. Within sets of matched curves (for example, supervisory data for all engineers, supervisors with bachelors' degrees, supervisors with M.S. degrees, etc.), initialization values were held constant to improve the comparability of the data.

Note that these procedures only limit the starting points for the curve-smoothing computations; the actual results are generated by whatever value z has reached before the sum of squares begins to increase, a value that varies from one curve to the next. In practice, the following outcomes have been observed. EMC's traditional (pre-1987) curves, which did not provide for the use of starting values of z that were greater than 1.0 and which usually resulted from iterations that ended before z had reached a value of 2.0, tended to be "peaky" (although the peaks could occur outside the visible portion of a graph, so that some curves appeared as virtually straight lines). Often these curves did not seem to move down enough at the early (beginning) salary levels. The alternative curves, which are computed using higher starting values for z, behave differently. Usually (not inevitably, however) they conform more closely to the raw statistics for salaries of new engineers, at least when data are not limited to those with advanced degrees or supervisory responsibilities. These curves flatten out when they reach the higher experience brackets; in most cases, this also improves the fit of the curves to the raw data.

Beginning in 1987, EMC began to present its raw salary results as well as the smooth-curve estimates, doubling the amount of information provided by

these surveys and enabling more sophisticated interpretations of the statistics. This has allowed EMC to make distinctions between *factual outcomes for the companies participating in a survey*, which is what the raw statistics are, and *best estimates of the underlying general trends*.

The Commission is still not fully satisfied with its curve-smoothing methods; least-squares computations entail a number of logical and mathematical difficulties when applied to data on compensation. In particular, the computations are very sensitive to variations in the distribution of a set of engineers across experience brackets, and the curves for supervisors or engineers with M.S. or Ph.D degrees tend to overestimate rates of compensation for the more recent entrants to the profession. Other methods, including the use of banded splines and anchoring points, have been applied by organizations that do not have EMC's need for an approach that can be rapidly and consistently applied to a broad range of national data from many different sectors. The Commission is continuing its study of these alternatives, and further refinements of our methods are anticipated. The general method of maturity curves is widely used as a means to assess the compensation of engineers, and EMC expects to continue to contribute to the development of these tools, as it has in the past.

PRESENTATION OF RESULTS

Curves and tables in this report are arranged in a hierarchy, starting with the broadest grouping ("All Industries") and then working through specific sectors, to the extent permitted by the data and the rules and conventions discussed above.

The "All Industries" data are extensive, and include details for supervisors, nonsupervisors, and variations by size of employer and region of the nation. Next, data are presented for "All Manufacturing Industries," and for the industrial sectors that are in that group. The report concludes with a similar section for "All Non-Manufacturing Industries."

The table of contents for this report can assist users in locating comparative data of interest. The specific participating organizations in each sector are identified in the appendices, so that users can better judge the applicability of the information given for a particular sector to their own situations.

The tabulations accompanying the curves include mean salaries (not plotted) and the distribution of the cases among the various experience brackets. The tables also list the numbers of cases falling in the extreme salary brackets (for industry data in 1990, less than $22,000 or more than $125,000). The tabulations also provide summary data for salaries across all experience brackets. Such broad statistics are unlikely to be applicable to specific engineers, but they are useful in assessing differences among groups. Since these data are now routinely provided in the tables, the brief discussion of overall salary outcomes that was once included in these introductions has been dropped from the text.

Data provided by participants in EMC salary surveys are confidential. Only aggregates are presented. Only EMC staff have access to completed forms. Forms do not identify salaries of particular persons.

DEFINITIONS

1. Industrial Sectors and Combined Groupings:

All Industries includes all participating organizations in the 1990 EMC salary survey (other than government or faculties of engineering schools).

All Manufacturing includes the following industrial sectors: aerospace; basic metals; chemicals; electric, electronic, and computing equipment; fabricated metal products; non-electric machinery; petroleum; precision instruments; other durable goods manufacturers; and other nondurable goods manufacturers.

Electric, Electronic and Computing Equipment is a summary grouping; in addition, separate reports are provided for manufacturers of electrical machinery, electronic equipment, and computing hardware or software.

Other Durable Goods Manufacturing and *Other Nondurable Goods Manufacturing* are residual sectors. They include organizations who judged that their businesses did not fit into any of the more traditional industrial sector categories; they also include additional organizations whose preferred sectors could not be formed due to a lack of a sufficient number of responding employers, data points, or both. "Durable Goods" are those with a normal usable life of at least three years. For 1990, the residual category includes manufacturers of automotive and related products, ships, ceramic products, lumber and wood products, and other durable goods that fit outside the categories used for EMC's surveys. "Nondurable Goods" are those with a shorter usable life, and include paper, textiles, tires and other fabricated rubber products, and agricultural products.

Non-Manufacturing Industries is a summary group that includes communication services and utilities, construction, consulting and engineering services, electric and gas utilities, research organizations, and a miscellaneous residual group of "other" non-manufacturing organizations (see below).

Consulting and Engineering Services is a summary group; reports are provided on both components.

Electric and Gas Utilities is a summary group; separate reports are also provided for electrical utilities (which include combined electric and gas utilities), and for gas utilities (principally pipeline companies).

Other Non-Manufacturing is a residual group for non-manufacturing participants whose preferred classifications could be not formed, due to lack of sufficient data. In 1990, the group includes companies or organizations in mining, business/trade/publishing, and professional societies.

Large Industrial Employers have 5,000 or more employees; *Medium Industrial Employers* have between 500 and 4,999 employees; *Small Industrial Employers* have less than 500 employees.

A list of the regional classifications used in this report is included at the beginning of the tabulations by region.

2. Chart Data (a facsimile chart is provided in the appendices for readers wishing to plot their own data):

The *median* is the point in a ranked array that is the midpoint of the series: the 50th percentile. *Quartiles* are points in ranked arrays that divide the series into quarters. The lower quartile is the 25th percentile; the upper quartile is the 75th percentile. *Deciles* are points in ranked arrays that divide the series into tenths. The lower decile is the 10th percentile; the upper decile is the 90th percentile.

Mean: sum of the values of the data, divided by the number of cases (data points). Provided as a convenience, but rarely used in analyses of income data, because means are sensitive to extreme values, while medians are not.

Supervisors: those "whose duties are primarily managerial or supervisory," whether or not they currently work in engineering positions. Some participating organizations indicate that they do not report salaries of top managers. Precise definitions of "supervisor" vary from one organization to the next.

Years Since Baccalaureate Degree: a measure of experience. In 1990, an engineer with zero years of experience received the bachelors' degree in 1989 or the first quarter of 1990. Engineers with more experience may have been working or may have been pursuing advanced degrees.

3. *Data on bonuses or other forms of special incentive Compensation:* one-time special payments have become a more common component of engineering pay. EMC has traditionally tracked base salaries only. Beginning in 1989, however, EMC's survey included a special question to estimate the percentage of supervisors and non-supervisors who received additional special compensation, in recognition of the trend toward increased use of bonuses. The item applies to the *previous* year (1989, for the 1990 survey); the question is necessarily retrospective, since 1990 bonuses would not have been paid at the time of the study). Results for this item are reported in the table on the following page. Data for this item from EMC's previous compensation survey are also included.

PERCENTAGES OF ENGINEERS WHO RECEIVED BONUSES OR OTHER FORMS OF SPECIAL INCENTIVE COMPENSATION IN 1988 AND 1989:

Industry Group:	Supervisors: 1988	Supervisors: 1989	Non-Supervisors: 1988	Non-Supervisors: 1989	All Engineers: 1988	All Engineers: 1989
All Industries	14.1%	39.8%	14.0%	17.2%	14.0%	24.2%
All Manufacturing	13.5	14.8	10.1	20.8	10.8	19.5
Aerospace	0.8	2.6	1.1	0.3	1.1	0.7
Automotive Products*	1.4	-	0.0	-	0.3	-
Basic Metals*	-	57.8	-	54.3	-	55.5
Chemicals/Drugs/Plastics	38.2	26.9	26.0	19.5	29.0	21.6
Electric Machinery/Electronics/Computers	8.9	12.7	20.3	22.1	18.7	20.5
Electrical Machinery	27.5	22.2	26.1	13.8	26.5	16.6
Electronic Equipment	5.5	6.6	20.8	22.2	18.9	19.9
Computing Systems	6.6	19.3	4.7	8.6	5.2	11.2
Fabricated Metal Products	11.4	4.2	2.6	2.1	4.5	2.7
Non-Electric Machinery	36.3	23.8	15.0	4.0	22.1	10.2
Petroleum	1.4	2.5	0.3	0.1	0.7	0.9
Precision Instruments	0.0	14.4	0.1	0.4	0.1	3.0
Other Durable Goods Manufacturing	5.6	5.0	0.0	0.9	1.2	1.8
Other Nondurable Goods Manufacturing	21.6	4.6	0.0	0.6	7.8	1.6
All Non-Manufacturing	15.5	59.0	20.3	9.0	19.0	31.7
Communication Services	0.0	8.1	0.0	5.5	0.0	6.6
Construction	1.6	5.3	0.7	0.4	0.9	2.0
Consulting/Engineering Services	12.5	20.0	5.9	7.0	7.6	10.4
Consulting	13.8	31.0	6.4	14.3	8.5	19.7
Engineering Services	9.9	14.9	5.2	3.0	6.2	6.0
Electric/Gas Utilities	8.2	17.9	4.7	9.1	5.8	11.9
Electric Utilities	7.2	17.2	4.9	9.4	5.6	11.9
Gas Utilities	21.2	28.6	0.7	3.5	9.5	13.2
Research Organizations	30.0	83.3	42.7	11.7	39.9	55.9
Other Non-Manufacturers	-	1.0	-	2.4	-	1.8

*Notes: this item was included for the first time in EMC's 1989 compensation surveys, and more organizations were prepared to respond to it in 1990. Because some companies are counted in more than one sector, the percentages from one group to another--and from components of summary groups to the summary categories themselves—are not mutually exclusive (which is why the percentage of non-supervisors reported to have been paid bonuses in 1990 is higher for the combined "Electric Machinery/Electronics/Computer" sector than it is for any of the individual components of that sector). No separate sector was formed for basic metals in 1989; no separate sector was formed for automotive products in 1990. The sector for "Other Non-Manufacturers" was not separately assessed in 1989.

DISTRIBUTION OF RESPONSES, 1990

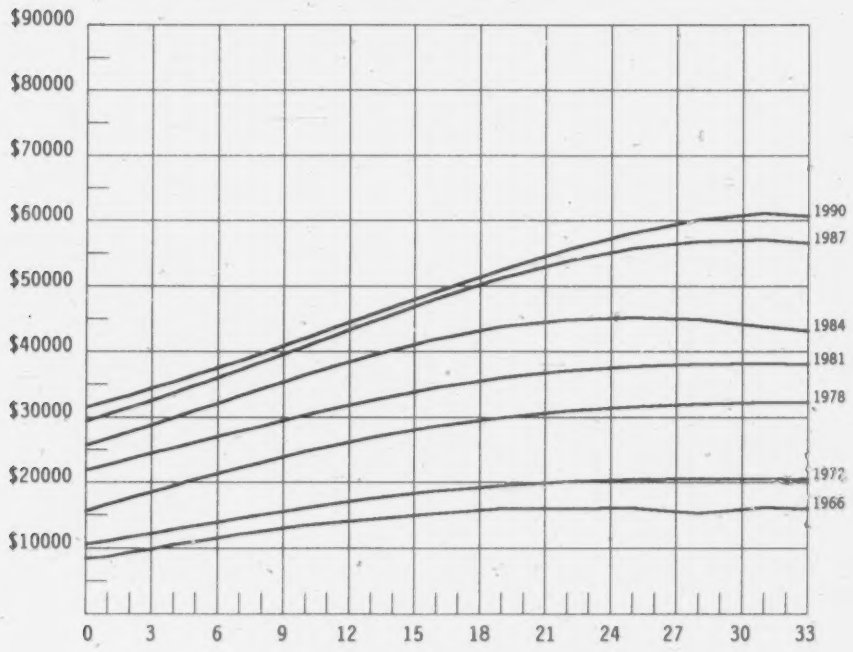
Industry Group:	Participating Organizations:	Engineers Represented:	All Employed Engineers (BLS Data for 1988):	Sector Weight:
All Industries	301	115,606	1,194,086	N/App
All Manufacturing	138	52,817	736,885	N/App
Aerospace	14	13,034	155,098	1.15206
Basic Metals	5	1,026	15,471	1.45988
Chemicals/Drugs/Plastics	15	14,099	41,313	0.28369
Electric Machinery/Electronics/Computers	42	11,514	265,894	2.23577
Electrical Machinery	10	2,987	-	-
Electronic Equipment	28	8,195	-	-
Computers	4	332	-	-
Fabricated Metal Products	11	1,132	23,242	1.98780
Non-Electric Machinery	19	588	57,574	9.47968
Petroleum	6	4,639	30,380	0.63403
Precision Instruments	4	490	51,195	10.11524
Other Durable Goods Manufacturing	11	4,626	57,716	1.20791
Other Nondurable Goods Manufacturing	11	1,669	39,002	2.26243
All Non-Manufacturing	163	62,789	457,201	N/App
Communication Services	6	2,641	31,822	1.16655
Construction	5	1,830	23,451	1.24067
Consulting/Engineering Services	68	17,393	155,082	0.86324
Consulting	50	9,090	-	-
Engineering Services	18	8,303	-	-
Electric/Gas Utilities	49	13,026	38,587	0.28680
Electric Utilities	40	12,397	-	-
Gas Utilities	9	629	-	-
Research & Other Non-Manufacturing	35	27,899	208,259	0.72270
Research & Development Organizations	26	27,672	-	-
Other Non-Manufacturing	9	227	-	-

NOTES: Participating organizations counted in primary (first-named) sector only. Totals in specific tables may not exactly match these numbers, due to rounding in the weighting process. Additional weights, not depicted here, were used for the "All Manufacturing" and "All Non-Manufacturing" groups. Data for engineers in government are not used in this table; those figures add 184,774 engineers to the BLS work force estimates. In general, statistics from the current (1988) BLS Industry-and-Occupation Matrix have been regrouped here, to accomodate EMC's broader sectoral definitions.

SALARY TREND CURVES—1960-1990

Note: salaries represented on trend curves have been taken from the EMC publication *Professional Income of Engineers* for the selected year. Industry groupings and their titles have varied to an extent from report to report. All curves for years prior to 1968 are based on raw data (please see the discussion of curve smoothing in the introduction).

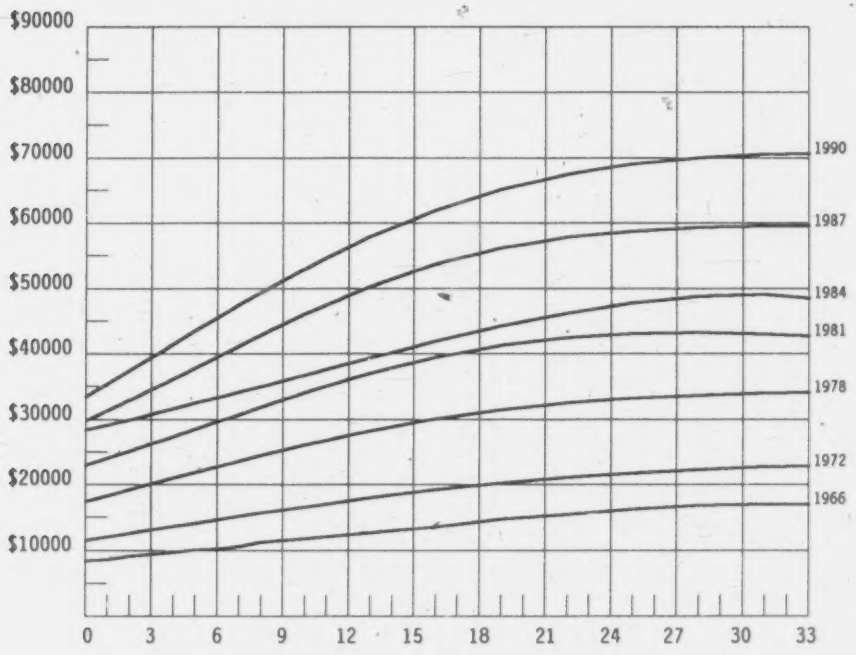
SELECTED INDUSTRY MEDIANS: AEROSPACE



SELECTED ENGINEERING SALARY STATISTICS:

	Years Since B.S. Degree:																	
Survey Year:	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
1990	31550	32500	33450	34450	35500	36550	37600	38700	39850	42100	45650	49150	52550	55650	58250	60150	61200	59400
1987	29400	30450	31550	32650	33750	34900	36100	37250	38450	40900	44550	48050	51250	53850	55800	56900	57200	54850
1984	25750	26800	27850	28900	30000	31100	32200	33300	34400	36550	39500	41950	43800	44900	45250	45000	43850	41100
1981	21950	22800	23650	24500	25350	26200	27100	27950	28750	30400	32650	34550	36050	37150	37800	38150	38250	37900
1978	15750	16700	17650	18600	19550	20550	21400	22300	23150	24800	26950	28700	30000	31000	31650	32050	32350	32450
1972	10650	11150	11700	12300	12850	13400	13950	14550	15100	16150	17600	18750	19600	20150	20500	20600	20600	20400
1966	8450	8750	9400	9850	10550	11050	11550	12150	12600	13500	14400	15300	16050	16050	16200	15350	16300	15500

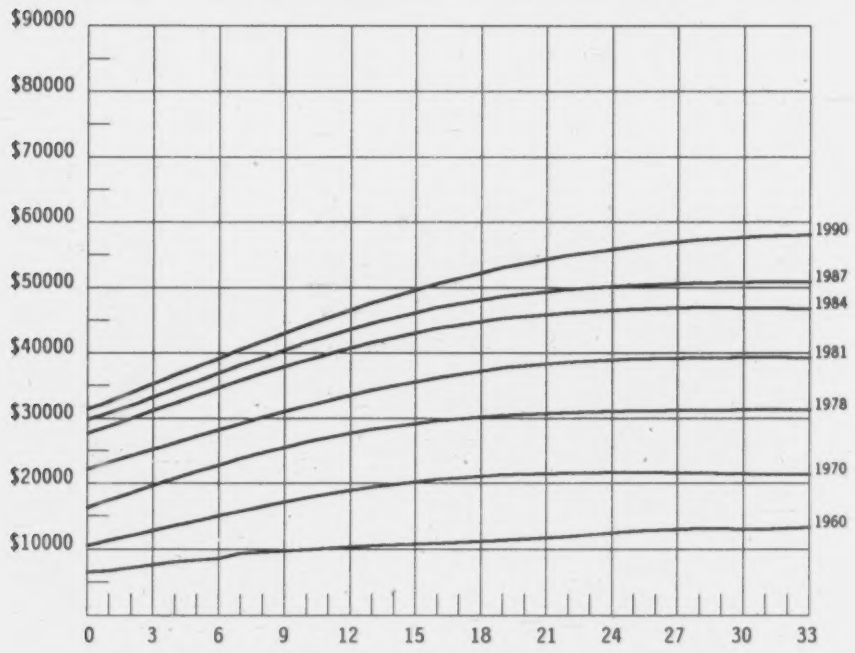
SELECTED INDUSTRY MEDIANS: CHEMICALS



SELECTED ENGINEERING SALARY STATISTICS:

	Years Since B.S. Degree:																	
Survey Year:	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
1990	33500	35500	37500	39500	41550	43550	45550	47550	49450	53100	57950	62000	65200	67500	69050	70050	70600	70950
1987	29900	31400	32950	34550	36200	37900	39550	41250	42900	46100	50350	53750	56200	57850	58800	59350	59550	59700
1984	28450	29200	30000	30850	31650	32500	33350	34200	35050	36800	39400	41950	44250	46250	47800	48800	49100	46900
1981	23000	24050	25150	26300	27400	28550	29700	30800	31950	34100	37050	39450	41300	42500	43100	43250	43000	42250
1978	17508	18350	19250	20150	21050	21900	22800	23650	24500	26150	28300	30100	31500	32550	33250	33700	34050	34250
1972	11600	12100	12600	13150	13650	14150	14700	15200	15700	16650	18050	19250	20300	21150	21800	22350	22800	23150
1966	8450	8650	9150	9450	9700	10100	10350	10650	11250	11850	12700	13600	14800	15500	16300	16900	17050	17200

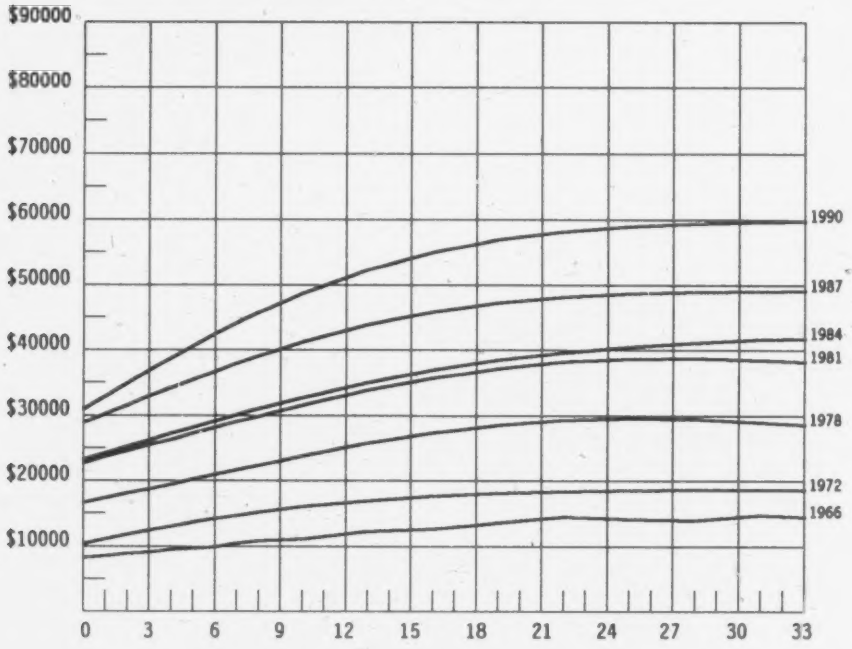
SELECTED INDUSTRY MEDIANS: ELECTRICAL/ELECTRONIC



SELECTED ENGINEERING SALARY STATISTICS:

	Years Since B.S. Degree:																	
Survey Year:	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
1990	31450	32750	34050	35400	36700	38000	39300	40600	41900	44350	47750	50700	53150	55000	56400	57400	58000	58650
1987	29850	30950	32100	33300	34550	35750	37000	38200	39400	41700	44650	47000	48700	49800	50400	50750	50900	51000
1984	27700	28850	30050	31250	32450	33600	34750	35900	37000	39000	41700	43800	45300	46250	46800	47000	46950	46650
1981	22250	23250	24250	25250	26250	27300	28300	29250	30200	32000	34400	36300	37750	38650	39200	39400	39450	39200
1978	16400	17500	18600	19700	20800	21850	22850	23850	24750	26400	28350	29650	30500	30950	31200	31300	31350	31350
1970	10600	11350	12100	12850	13600	14350	15100	15850	16550	17900	19500	20600	21300	21600	21650	21600	21450	21300
1960	6575	6725	7200	7675	8075	8375	8650	9375	9575	10000	10550	10900	11350	11900	12765	13125	13075	14000

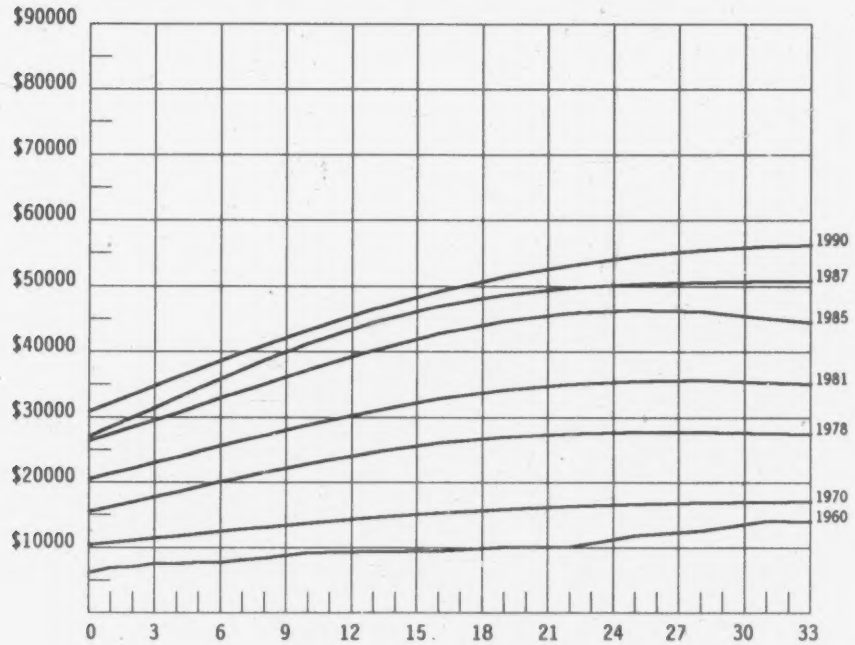
SELECTED INDUSTRY MEDIANS: MACHINERY



SELECTED ENGINEERING SALARY STATISTICS:

	Years Since B.S. Degree:																	
Survey Year:	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
1990	30900	32900	34900	36850	38800	40650	42450	44150	45750	48700	52350	55050	57000	58250	59050	59500	59750	59900
1987	28900	30250	31600	32950	34250	35500	36750	38000	39150	41250	43900	45900	47300	48150	48700	48950	49100	49150
1984	23250	24250	25250	26250	27250	28200	29150	30100	31000	32700	35000	36950	38450	39650	40500	41150	41650	42050
1981	22800	23700	24600	25500	26350	27250	28150	29050	29900	31600	33850	35750	37200	38200	38700	38800	38500	37600
1978	16700	17400	18100	18800	19500	20250	21000	21700	22400	23800	25750	27350	28550	29300	29600	29500	28950	27600
1972	10400	11100	11800	12450	13050	13650	14200	14700	15200	16050	17000	17650	18100	18400	18550	18650	18700	18700
1966	8250	8500	8850	9100	9550	9650	9950	10450	10850	11150	12250	12650	13600	14450	14150	14000	14750	13600

SELECTED INDUSTRY MEDIANS: METAL PRODUCTS

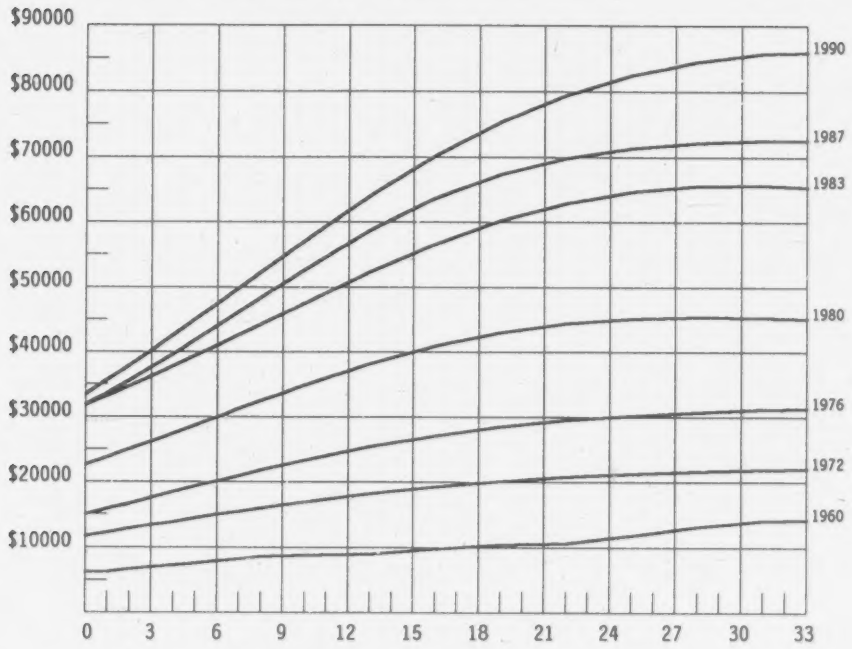


YEARS SINCE BACCALAUREATE DEGREE

SELECTED ENGINEERING SALARY STATISTICS:

	Years Since B.S. Degree:																	
Survey Year:	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
1990	30900	32200	33550	34850	36150	37400	38650	39900	41100	43400	46550	49250	51450	53200	54550	55500	56100	56650
1987	27100	28550	30050	31500	33000	34500	35950	37350	38750	41300	44550	47000	48750	49800	50400	50700	50850	50900
1985	26400	27450	28550	29600	30700	31850	32950	34050	35150	37300	40300	42850	44750	45950	46400	46200	45200	42550
1981	20600	21450	22250	23100	23950	24800	25650	26450	27300	28900	31050	32850	34250	35150	35600	35700	35400	34450
1978	15550	16300	17050	17850	18600	19350	20150	20850	21600	22950	24700	26100	27000	27550	27800	27800	27650	27250
1970	10500	10850	11200	11550	11850	12200	12550	12850	13200	13800	14650	15350	15950	16400	16700	16950	17100	17150
1960	6275	6925	7125	7675	7625	7850	7825	8225	8450	9275	9375	9550	10100	10125	11925	12600	14100	14000

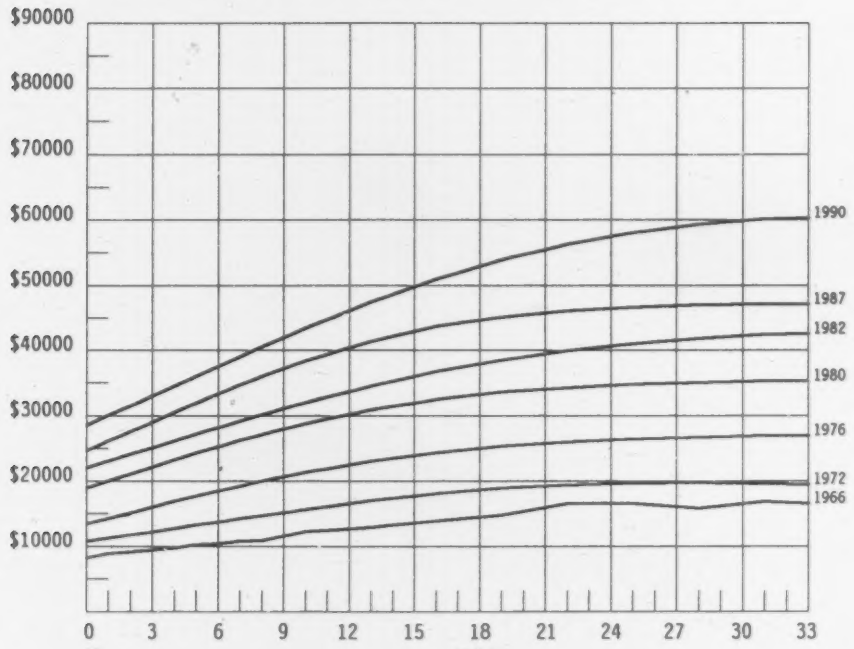
SELECTED INDUSTRY MEDIANS: PETROLEUM



SELECTED ENGINEERING SALARY STATISTICS:

	Years Since B.S. Degree:																	
Survey Year:	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
1990	33500	35700	37950	40300	42650	45050	47500	49900	52350	57200	64050	70200	75350	79450	82500	84500	85750	86800
1987	31900	33700	35650	37650	39700	41850	44050	46250	48450	52750	58750	63700	67350	69850	71350	72150	72500	72700
1983	31800	33250	34750	36300	37850	39450	41050	42700	44350	47600	52350	56650	60250	62950	64750	65600	65700	64450
1980	22700	23850	25050	26250	27500	28750	30000	31250	32500	34900	38200	41000	43050	44450	45200	45450	45300	44700
1976	15050	15900	16750	17600	18500	19350	20200	21000	21850	23350	25450	27150	28500	29500	30250	30750	31200	31450
1972	11750	12300	12850	13400	13900	14450	15000	15500	16000	16950	18200	19300	20150	20850	21350	21700	22000	22200
1960	6250	6250	6700	6975	7325	7525	7925	8225	8600	8825	9025	9750	10450	10650	11800	13200	14100	14800

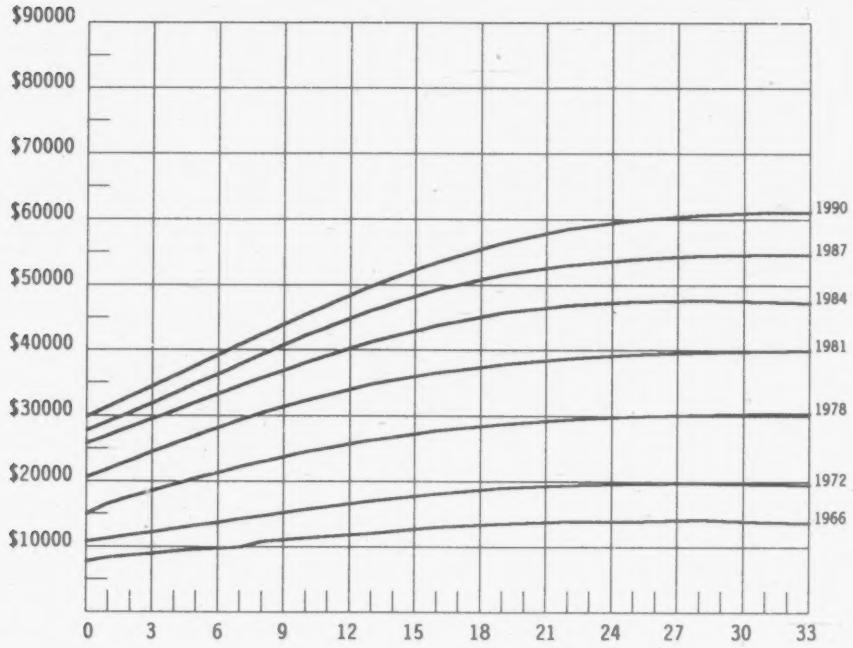
SELECTED INDUSTRY MEDIANS: CONSTRUCTION



SELECTED ENGINEERING SALARY STATISTICS:

	Years Since B.S. Degree:																	
Survey Year:	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
1990	28650	30100	31600	33100	34600	36100	37600	39100	40600	43450	47450	51000	54000	56350	58150	59350	60150	60800
1987	24750	26200	27650	29100	30600	32000	33400	34750	36050	38450	41450	43700	45200	46150	46700	47000	47100	47150
1982	22100	23150	24150	25200	26200	27250	28250	29250	30200	32050	34600	36800	38600	40000	41100	41850	42500	42850
1980	19050	20100	21200	22250	23300	24350	25350	26300	27200	28900	30950	32550	33650	34350	34850	35150	35350	35450
1976	13500	14350	15200	16100	16950	17750	18550	19300	20050	21400	23100	24400	25400	26050	26500	26800	27000	27100
1972	10850	11300	11800	12300	12800	13300	13800	14300	14800	15750	17100	18150	19000	19500	19750	19800	19650	19200
1966	8250	8950	9250	9550	9750	10350	10450	10850	10900	12400	12950	14000	14850	16650	16650	15900	16850	16000

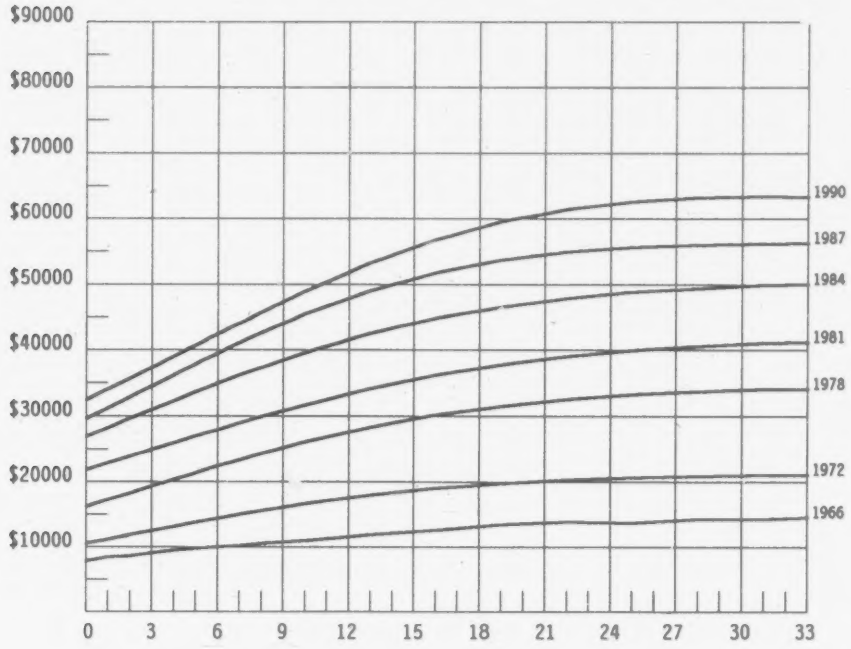
SELECTED INDUSTRY MEDIANS: CONSULTING & ENGINEERING SERVICES



SELECTED ENGINEERING SALARY STATISTICS:

Survey Year:	Years Since B.S. Degree: 0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
1990	29900	31400	32950	34500	36100	37700	39300	40900	42450	45550	49850	53500	56450	58550	59950	60750	61150	61200
1987	27750	29100	30450	31900	33400	34900	36400	37900	39400	42300	46150	49300	51550	53050	53950	54450	54650	54750
1984	25750	27000	28250	29500	30750	32050	33300	34550	35800	38150	41300	43850	45750	46900	47500	47650	47450	46800
1981	20600	21900	23200	24500	25800	27000	28200	29350	30450	32400	34850	36650	37900	38750	39350	39700	39950	40050
1978	15050	16650	17650	18600	19550	20500	21350	22250	23050	24500	26350	27750	28750	29450	29950	30200	30400	30500
1972	10850	11300	11800	12300	12800	13300	13800	14300	14800	15750	17100	18150	19000	19500	19750	19800	19650	19200
1966	7750	8400	8700	9000	9350	9600	9800	10000	10850	11400	12100	13100	13600	13950	14000	14200	13850	13700

SELECTED INDUSTRY MEDIANS: ELECTRIC & GAS UTILITIES

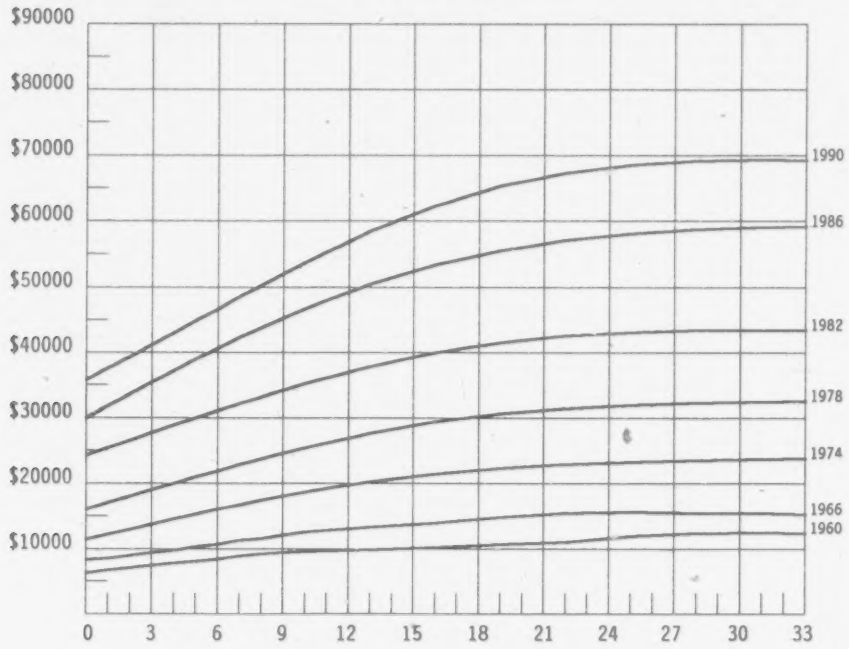


YEARS SINCE BACCALAUREATE DEGREE

SELECTED ENGINEERING SALARY STATISTICS:

	Years Since B.S. Degree:																	
Survey Year:	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
1990	32500	34100	35750	37400	39100	40750	42450	44100	45750	48950	53300	56900	59650	61550	62700	63300	63450	63200
1987	29600	31250	32950	34600	36300	37950	39550	41150	42650	45500	49100	51850	53750	55000	55750	56100	56300	56350
1984	26900	28300	29650	31050	32400	33700	35000	36250	37450	39650	42550	44850	46600	47900	48850	49450	49950	50250
1981	21900	22900	23900	24950	25950	27000	28000	28950	29950	31750	34200	36250	37900	39100	40000	40650	41150	41500
1978	16300	17300	18350	19400	20400	21450	22450	23400	24350	26100	28400	30200	31600	32600	33300	33750	34100	34300
1972	10550	11200	11900	12550	13200	13850	14500	15100	15650	16700	18050	19100	19850	20400	20750	21000	21150	21250
1966	7950	8500	8750	9150	9500	9750	10050	10250	10550	11050	11900	12650	13550	13950	13750	14400	14400	15350

SELECTED INDUSTRY MEDIANS: RESEARCH ORGANIZATIONS

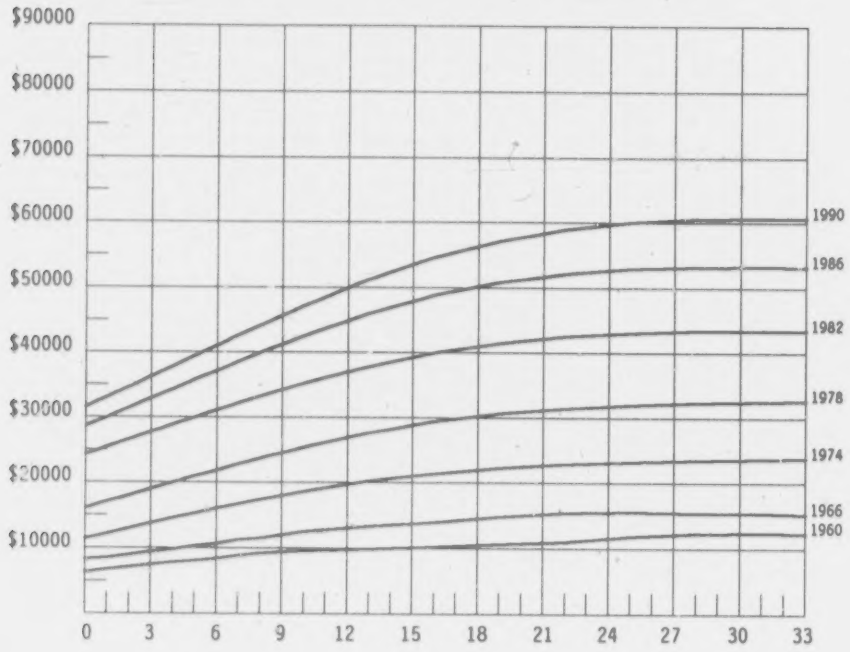


YEARS SINCE BACCALAUREATE DEGREE

SELECTED ENGINEERING SALARY STATISTICS:

	Years Since B.S. Degree:																	
Survey Year:	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
1990	35850	37600	39400	41200	43050	44900	46700	48550	50300	53750	58450	62300	65300	67300	68550	69150	69300	69000
1986	30000	31850	33650	35450	37250	39000	40650	42300	43850	46800	50500	53450	55600	57150	58150	58750	59150	59300
1982	24300	25450	26600	27700	28850	30000	31100	32200	33250	35250	37900	40000	41500	42550	43150	43450	43500	43400
1978	16100	17050	18050	19000	20000	20950	21900	22850	23750	25450	27650	29400	30650	31500	32000	32350	32550	32650
1974	11450	12200	13000	13750	14550	15300	16050	16750	17450	18700	20250	21450	22300	22900	23300	23550	23750	23850
1966	8350	8550	9000	9450	9750	10300	10700	11300	11600	12500	13300	14000	14850	15500	15650	15450	15450	14850
1960	6300	6725	7125	7475	7800	8100	8450	8900	9250	9625	9875	10275	10700	11000	11925	12350	12450	12175

SELECTED INDUSTRY MEDIANS: ALL INDUSTRIES

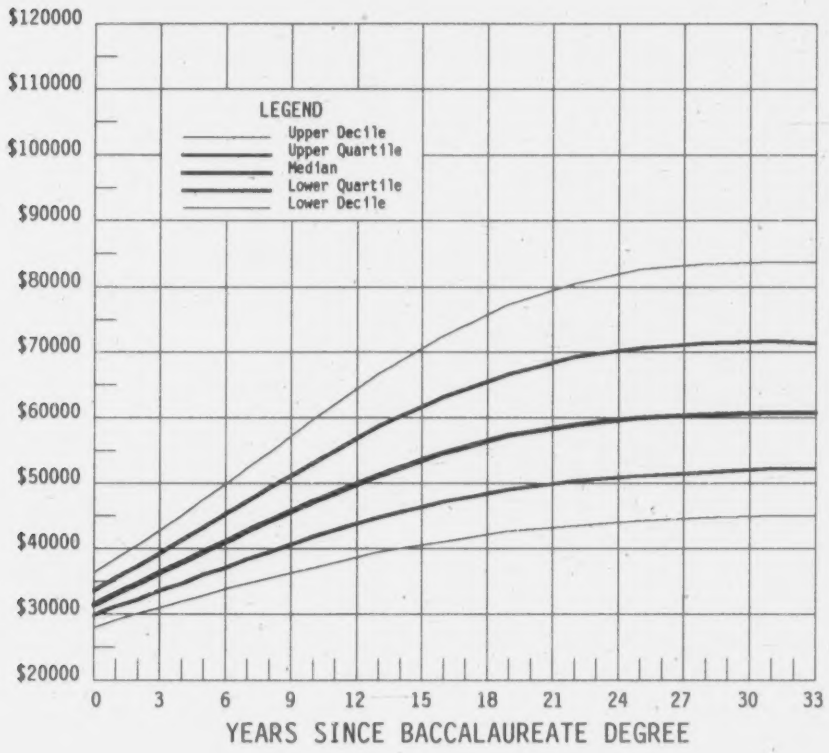


SELECTED ENGINEERING SALARY STATISTICS:

Survey Year:	Years Since B.S. Degree: 0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+
1990	31600	33100	34700	36250	37850	39450	41050	42650	44200	47200	51250	54650	57200	59000	60050	60600	60750	60550
1986	28600	30000	31450	32900	34350	35800	37200	38600	40000	42600	46050	48850	50850	52200	52950	53250	53300	53050
1982	24300	25450	26600	27700	28850	30000	31100	32200	33250	35250	37900	40000	41500	42550	43150	43450	43500	43400
1978	16100	17050	18050	19000	20000	20950	21900	22850	23750	25450	27650	29400	30650	31500	32000	32350	32550	32650
1974	11450	12200	13000	13750	14550	15300	16050	16750	17450	18700	20250	21450	22300	22900	23300	23550	23750	23850
1966	8350	8550	9000	9450	9750	10300	10700	11300	11600	12500	13300	14000	14850	15500	15650	15450	15450	14850
1960	6300	6725	7125	7475	7800	8100	8450	8900	9250	9625	9875	10275	10700	11000	11925	12350	12450	12175

CURVES AND TABLES FOR ALL INDUSTRIES

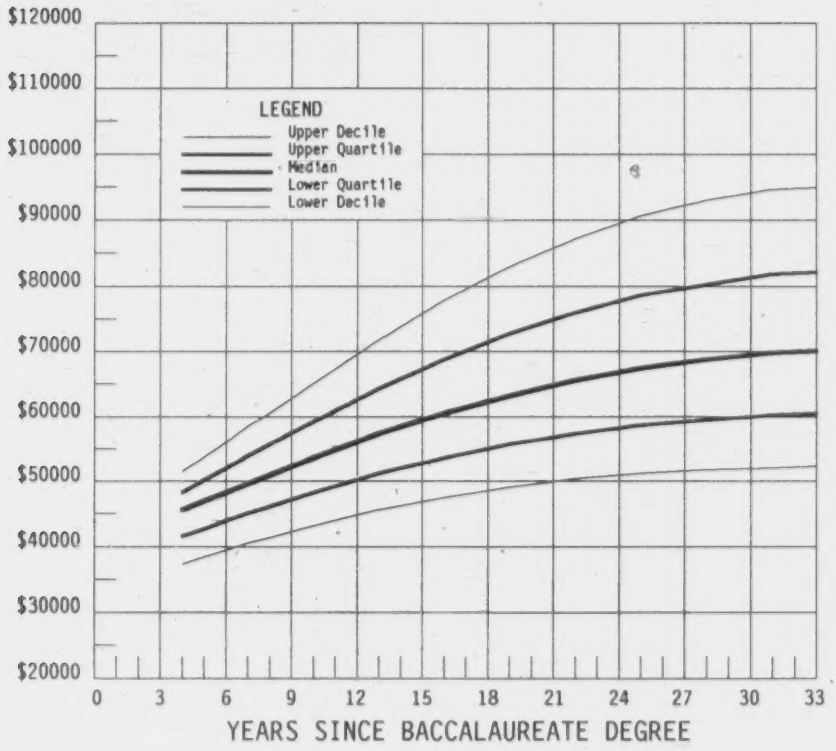
SALARY CURVES FOR ENGINEERS IN ALL INDUSTRY
ALL ENGINEERS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: ALL INDUSTRY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	36200	38350	40550	42800	45100	47500	49900	52350	54800	59650	66550	72550	77250	80550	82550	83550	83800	83250	71200
Upper Quartile	33650	35500	37350	39300	41250	43250	45250	47300	49300	53200	58650	63250	66800	69300	70750	71450	71650	71150	59300
Median	31600	33100	34700	36250	37850	39450	41050	42650	44200	47200	51250	54650	57200	59000	60050	60600	60750	60550	48650
Lower Quartile	29850	31100	32300	33550	34750	36000	37200	38400	39550	41750	44700	47150	49050	50400	51300	51850	52150	52250	39700
Lower Decile	28100	29050	30000	31000	31950	32850	33800	34700	35550	37200	39350	41150	42550	43600	44350	44800	45100	45300	33700
Mean	31900	33450	35050	36650	38300	39900	41550	43200	44800	47950	52250	55900	58800	60950	62350	63150	63500	63600	51150
Raw (Unsmoothed) Statistics																			
Upper Decile	35250	37350	40650	43100	45700	48050	50250	53550	55850	60350	65800	71000	74950	79700	82300	83850	84400	85100	71200
Upper Quartile	33200	34750	37150	39300	41250	43550	45700	48500	50350	54100	58350	62100	64100	68750	70850	71250	71650	73050	59300
Median	31500	32750	34300	36050	37900	39600	41200	43450	45000	47750	51250	53900	55500	58650	60150	60650	60800	61500	48650
Lower Quartile	30200	30850	31950	33250	34600	36200	37100	38850	40050	42250	44500	46300	47950	50650	52150	52350	52700	51950	39700
Lower Decile	28400	28950	30000	30600	32000	32900	33300	35000	35900	37550	39000	40700	42100	44050	44850	45300	45350	44850	33700
Mean	31850	33100	34900	36500	38300	40050	41500	43900	45450	48550	52000	55100	57350	60900	62700	63300	63750	64150	51150
Supporting Data																			
Total Number	2623	3661	3632	4409	5110	5231	4815	4937	4766	13836	9895	9238	9043	7293	6920	5772	5427	8996	115606
$125,000 or More	0	0	0	0	0	0	0	0	0	1	1	8	23	33	40	38	42	91	277
Less Than $22000	19	31	15	4	11	3	2	3	2	3	0	1	0	1	1	0	0	0	97

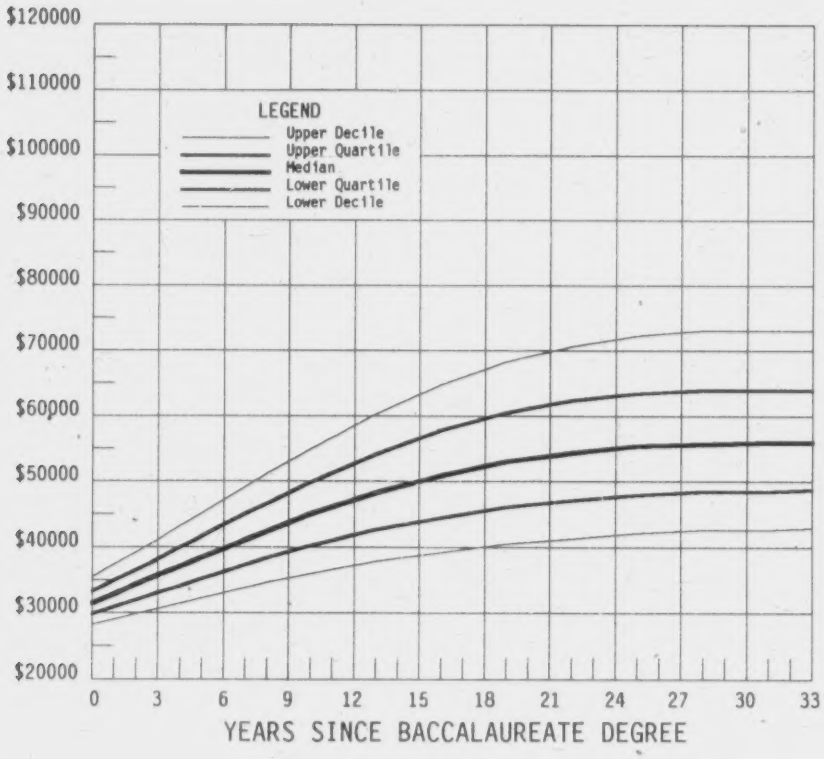
SALARY CURVES FOR ENGINEERS IN ALL INDUSTRY SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: ALL INDUSTRY, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	51400	53700	55950	58300	60600	65150	71800	77850	83050	87300	90600	92950	94600	96450	82850
Upper Quartile	0	0	0	0	48300	50150	52000	53850	55650	59250	64350	68900	72850	76050	78550	80400	81750	83350	70600
Median	0	0	0	0	45550	46950	48350	49700	51050	53650	57250	60500	63250	65550	67350	68750	69750	71150	59300
Lower Quartile	0	0	0	0	41600	42750	43900	45050	46150	48250	51100	53600	55650	57300	58600	59550	60250	61100	50600
Lower Decile	0	0	0	0	37450	38450	39500	40450	41450	43250	45650	47600	49200	50350	51200	51750	52100	52450	43450
Mean	0	0	0	0	45050	46600	48150	49650	51200	54150	58300	62050	65250	67950	70050	71650	72800	74350	62050
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	50050	53150	55150	58800	61050	66650	71900	76700	81550	88100	90000	93200	95350	96850	82850
Upper Quartile	0	0	0	0	47600	49700	51450	54650	56300	59850	63900	68450	72200	76800	78200	80850	82550	83000	70600
Median	0	0	0	0	44750	46700	47800	50500	51300	54200	57050	60300	62200	66400	67650	68400	69800	71250	59300
Lower Quartile	0	0	0	0	41350	42600	42900	45700	46100	48700	51150	53600	54500	57800	58550	59850	60950	60800	50600
Lower Decile	0	0	0	0	37650	37950	38750	41850	41350	43450	45150	47450	48400	51500	51800	51250	53450	51650	43450
Mean	0	0	0	0	44550	46400	47450	50400	51400	54700	58050	61650	64400	68900	70050	71650	73550	74000	62050
Supporting Data																			
Total Number	113	357	400	602	724	795	865	1129	1172	4162	3674	3775	3741	3140	3101	2357	2132	3386	35627
$125,000 or More	0	0	0	0	0	0	0	0	0	0	1	7	23	33	37	36	42	86	265
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2

SALARY CURVES FOR ENGINEERS IN ALL INDUSTRY NON-SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: ALL INDUSTRY, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	35400	37250	39150	41100	43100	45100	47100	49100	51100	54950	60300	64850	68300	70750	72250	72950	73200	72850	62400
Upper Quartile	33250	34900	36550	38250	39950	41650	43350	45050	46700	49900	54250	57800	60500	62350	63450	63950	64100	63750	53450
Median	31550	32900	34300	35650	37050	38450	39800	41150	42450	44950	48250	51000	53050	54450	55350	55800	56000	55850	44400
Lower Quartile	29900	31000	32100	33150	34250	35300	36300	37300	38300	40150	42600	44600	46100	47250	47950	48450	48650	48800	37100
Lower Decile	28150	29000	29850	30650	31500	32300	33100	33850	34550	35950	37800	39300	40500	41450	42100	42550	42800	43100	32450
Mean	31700	33050	34450	35850	37250	38650	40000	41400	42700	45250	48700	51600	53800	55400	56450	57050	57300	57400	46250
Raw (Unsmoothed) Statistics																			
Upper Decile	35050	36550	39300	40700	43300	45500	47450	49950	52450	55850	59800	63500	65550	69250	72450	73050	72950	75150	62400
Upper Quartile	33100	34300	36300	37800	40100	42200	43950	45950	47650	50600	54050	56350	58350	61450	63000	64100	63900	65750	53450
Median	31400	32500	33850	35400	37200	38800	40200	41950	43500	45450	47800	49550	51750	54050	55450	56200	56250	56750	44400
Lower Quartile	30200	30700	31600	32850	34100	35650	36300	37800	39000	40850	42200	43550	45050	46900	48100	49350	49150	49000	37100
Lower Decile	28350	28750	29750	30350	31600	32500	32700	34250	34800	36450	37400	38550	39950	41500	42650	43200	43450	42750	32450
Mean	31700	32700	34150	35550	37250	38950	40200	41950	43500	45900	48400	50550	52350	54850	56750	57450	57400	58200	46250
Supporting Data																			
Total Number	2508	3304	3234	3812	4383	4435	3952	3810	3594	9671	6222	5462	5301	4153	3824	3412	3293	5615	79979
$125,000 or More	0	0	0	0	0	0	0	0	0	1	0	2	0	0	3	1	0	5	12
Less Than $22000	19	31	15	4	11	3	2	3	2	3	0	1	0	0	0	0	0	0	95

1990 ENGINEERING SALARY STATISTICS: ALL INDUSTRY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34700	36700	38800	40950	43150	45400	47700	50050	52350	56950	63500	69150	73600	76750	78700	79650	79900	79400	66150
Upper Quartile	33100	34800	36500	38300	40100	41900	43700	45550	47300	50800	55650	59700	62900	65150	66550	67250	67550	67350	55000
Median	31450	32850	34250	35700	37150	38550	40000	41350	42750	45350	48900	51850	54100	55700	56750	57350	57600	57600	45000
Lower Quartile	29850	30950	32050	33150	34250	35300	36350	37400	38400	40300	42850	44950	46650	47850	48700	49250	49600	49850	37200
Lower Decile	28150	28950	29800	30650	31450	32250	33000	33800	34500	35900	37750	39350	40650	41650	42400	42900	43300	43700	32450
Mean	31450	32900	34350	35800	37300	38800	40300	41750	43200	46050	49900	53250	55900	57850	59200	60050	60500	60800	47800
Raw (Unsmoothed) Statistics																			
Upper Decile	34350	36100	39350	40750	43350	45350	47700	50650	53550	57950	63000	68400	71200	76000	76850	79200	81050	81300	66150
Upper Quartile	33000	34350	36300	37900	40150	42150	44000	46250	48400	51650	55400	59000	60600	64550	65650	66400	67800	69250	55000
Median	31400	32600	33850	35450	37250	38750	40100	42150	43750	45900	48550	50900	52900	55400	56400	57250	58050	58400	45000
Lower Quartile	30150	30800	31600	32800	34100	35600	36300	37800	39000	41050	42250	44200	45700	48150	48750	49600	50300	49800	37200
Lower Decile	28350	28900	29750	30300	31400	32450	32700	34100	34700	36350	37250	38800	40350	42050	42700	43300	44050	43200	32450
Mean	31450	32750	34200	35600	37300	38800	40200	42200	43900	46700	49600	52600	54550	58000	58800	59950	61150	61300	47800
Supporting Data																			
Total Number	2501	3420	3172	3610	4135	4149	3662	3529	3467	9291	6168	5574	5484	4122	3842	3351	3522	6117	79118
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	3	9	20	18	21	28	66	166
Less Than $22000	19	31	15	4	9	3	2	3	2	3	0	1	0	1	1	0	0	0	95

1990 ENGINEERING SALARY STATISTICS: ALL INDUSTRY, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	50000	52200	54450	56700	59000	63550	70100	76100	81300	85550	88850	91200	92850	94700	81050
Upper Quartile	0	0	0	0	46250	48100	49950	51850	53700	57300	62450	67000	70800	73800	76050	77650	78650	79750	68550
Median	0	0	0	0	42750	44200	45600	47000	48400	51050	54800	58050	60800	63000	64700	65900	66750	67800	57200
Lower Quartile	0	0	0	0	38750	39900	41100	42250	43400	45550	48500	51050	53150	54800	56050	56900	57500	58200	48200
Lower Decile	0	0	0	0	35550	36450	37400	38250	39150	40800	43050	44950	46550	47800	48800	49500	50000	50600	40800
Mean	0	0	0	0	42800	44350	45900	47450	48950	51950	56150	59900	63100	65750	67800	69300	70400	71750	60050
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	49900	51350	54000	56300	59050	64200	71050	76050	78900	87550	85750	92650	95300	94250	81050
Upper Quartile	0	0	0	0	46050	47000	49800	51850	54050	57900	62300	67450	69850	74800	74000	77550	79900	79850	68550
Median	0	0	0	0	41900	43350	45600	47100	48650	51750	54650	58750	59450	63500	63900	65500	66950	68250	57200
Lower Quartile	0	0	0	0	38250	39150	40250	43500	43400	46100	48400	51300	51800	55600	55300	57350	58450	57900	48200
Lower Decile	0	0	0	0	35200	36400	37000	39200	38950	41300	42350	44550	46150	49250	48850	48900	51300	49900	40800
Mean	0	0	0	0	42400	43700	45550	47850	49100	52450	55950	60200	61900	67000	66450	69400	71500	71600	60050
Supporting Data																			
Total Number	101	321	278	286	332	363	448	537	651	2182	1909	1955	1996	1588	1608	1255	1343	2207	19364
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	3	9	20	17	21	28	64	163
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2

1990 ENGINEERING SALARY STATISTICS: ALL INDUSTRY, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34600	36450	38300	40200	42100	44050	46000	47900	49800	53450	58400	62400	65350	67250	68250	68550	68450	67650	58450
Upper Quartile	33050	34600	36200	37800	39450	41050	42650	44200	45750	48700	52600	55750	58050	59550	60350	60650	60650	60100	50100
Median	31450	32750	34100	35400	36700	38000	39250	40500	41700	43950	46950	49350	51150	52350	53100	53450	53550	53400	42100
Lower Quartile	29900	30900	31900	32900	33900	34850	35800	36700	37600	39250	41400	43150	44500	45500	46100	46500	46700	46800	35600
Lower Decile	28150	28900	29700	30400	31150	31850	32550	33250	33900	35100	36750	38100	39200	40050	40700	41150	41450	41800	31600
Mean	31400	32700	34050	35350	36700	38000	39300	40550	41800	44150	47250	49800	51700	53050	53850	54300	54450	54400	43800
Raw (Unsmoothed) Statistics																			
Upper Decile	34250	35800	38000	40050	42500	44300	46300	48950	51500	54650	58200	59950	62400	65600	65900	67450	68800	71150	58450
Upper Quartile	32900	33950	35800	37500	39750	41600	43300	45150	46850	49450	52100	54000	56100	58150	59100	60000	60800	62450	50100
Median	31350	32350	33550	35150	37000	38400	39650	41350	42800	44550	46100	47650	49900	51800	52750	53800	54200	54300	42100
Lower Quartile	30150	30600	31400	32600	33850	35300	35850	37200	38400	39900	40850	42150	43550	45400	45600	46950	47050	47300	35600
Lower Decile	28300	28700	29500	30150	31250	32250	32400	33550	34000	35600	36150	37400	38550	40050	41400	41750	42200	41400	31600
Mean	31350	32350	33700	35100	36850	38350	39450	41200	42750	44900	46700	48500	50350	52350	53250	54350	54800	55550	43800
Supporting Data																			
Total Number	2399	3099	2895	3322	3805	3781	3214	2991	2818	7105	4263	3613	3491	2533	2233	2099	2178	3906	59750
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	3
Less Than $22000	19	31	15	4	9	3	2	3	2	3	0	1	0	0	0	0	0	0	93

1990 ENGINEERING SALARY STATISTICS: ALL INDUSTRY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	45150	47200	49350	51450	53600	55750	57900	62150	68100	73450	77900	81350	83900	85650	86700	87750	75150
Upper Quartile	0	0	43100	44700	46350	48000	49650	51300	52900	56050	60500	64400	67700	70400	72450	73950	75050	76300	63700
Median	0	0	40100	41450	42750	44050	45350	46650	47900	50300	53650	56550	58950	60900	62400	63500	64250	65200	54050
Lower Quartile	0	0	36000	37150	38300	39450	40550	41650	42750	44800	47550	49950	51900	53400	54550	55350	55850	56500	45950
Lower Decile	0	0	33100	34100	35100	36050	37000	37900	38800	40500	42700	44600	46050	47200	48000	48550	48850	49200	40250
Mean	0	0	39700	41150	42550	44000	45450	46850	48250	50950	54700	58050	60800	63050	64750	66050	66900	67950	56350
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	44900	46300	49000	52150	53000	55900	58400	63500	67750	71800	77400	80850	84950	85200	86600	88500	75150
Upper Quartile	0	0	41800	43650	46250	48700	49750	52500	53550	56800	59850	63400	66850	70300	73300	73700	75350	76750	63700
Median	0	0	38800	41150	42700	44550	45050	47150	48000	50950	53800	55950	57850	60900	62650	63400	63750	66050	54050
Lower Quartile	0	0	35600	36450	37850	39750	40650	42350	43350	45100	47850	49350	51000	53250	54850	55100	56100	56950	45950
Lower Decile	0	0	32750	33700	34400	36250	36500	38300	39400	41050	43600	43650	45250	46150	48200	48850	49400	49650	40250
Mean	0	0	39200	40500	42250	44500	45100	47450	48600	51600	54700	57200	60050	62850	65450	65950	66700	68450	56350
Supporting Data																			
Total Number	106	227	451	789	945	1028	1034	1243	1114	3830	2928	2787	2694	2330	2162	1791	1434	2192	29087
$125,000 or More	0	0	0	0	0	0	0	0	0	0	1	4	13	6	14	14	9	21	83
Less Than $22000	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2

1990 ENGINEERING SALARY STATISTICS: ALL INDUSTRY, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	51400	53800	56150	58550	60950	65700	72550	78750	83950	88100	91200	93300	94600	95900	82400
Upper Quartile	0	0	0	0	49050	50950	52850	54750	56600	60300	65500	70200	74250	77500	80100	81950	83300	84900	70600
Median	0	0	0	0	47050	48400	49700	51000	52300	54850	58400	61700	64550	67050	69150	70800	72150	74050	59450
Lower Quartile	0	0	0	0	44750	45750	46700	47600	48550	50350	52850	55200	57250	59050	60550	61850	62850	64400	51450
Lower Decile	0	0	0	0	42250	42950	43650	44300	45000	46300	48150	49850	51450	52850	54100	55150	56050	57450	45750
Mean	0	0	0	0	47000	48500	49950	51450	52900	55700	59750	63450	66700	69500	71750	73600	75000	76950	62600
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	49850	53750	54650	59150	61900	68000	72300	75900	83450	87700	92650	93000	93450	97650	82400
Upper Quartile	0	0	0	0	48150	50550	51900	55350	57600	61500	65350	68350	74450	77450	79850	81700	84250	85500	70600
Median	0	0	0	0	45850	48300	48950	52250	53200	55550	58050	60450	64200	67900	69750	69800	72550	74400	59450
Lower Quartile	0	0	0	0	43750	45750	45600	48400	49000	51100	53100	54200	56700	59200	60850	60650	64050	64900	51450
Lower Decile	0	0	0	0	41700	43000	42450	44900	45700	46700	48350	49100	51300	53050	54750	52950	57700	57900	45750
Mean	0	0	0	0	46100	48500	48950	52200	53450	56700	59500	62000	66700	69700	72400	72750	75650	77300	62600
Supporting Data																			
Total Number	11	37	116	311	385	414	389	532	443	1657	1326	1293	1253	1073	991	774	584	871	12459
$125,000 or More	0	0	0	0	0	0	0	0	0	0	1	3	13	6	12	13	9	19	75
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: ALL INDUSTRY, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	44200	45750	47350	48900	50450	52000	53550	56600	60900	64850	68300	71200	73600	75450	76850	78850	67350
Upper Quartile	0	0	40800	42150	43550	44900	46300	47650	49000	51600	55250	58550	61400	63750	65650	67100	68200	69700	58450
Median	0	0	37250	38500	39700	40950	42150	43350	44500	46700	49800	52500	54750	56550	57950	59000	59700	60600	50050
Lower Quartile	0	0	34500	35500	36500	37500	38450	39400	40350	42150	44600	46750	48600	50100	51300	52200	52850	53750	43000
Lower Decile	0	0	32000	32900	33800	34650	35500	36300	37100	38600	40600	42250	43600	44600	45350	45850	46200	46550	37650
Mean	0	0	37800	39050	40250	41450	42650	43850	45000	47250	50400	53200	55550	57500	59050	60250	61100	62300	51650
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	44350	44750	46550	49650	51400	51850	53600	57100	60750	65250	66850	69950	75050	75400	76250	79300	67350
Upper Quartile	0	0	40750	41550	43250	45100	46450	47550	49000	52150	55550	58850	59700	63350	65800	67600	67050	70550	58450
Median	0	0	37550	37500	39000	41250	42450	43700	45000	47150	50100	52100	53550	56450	57900	59450	59000	61200	50050
Lower Quartile	0	0	34600	34800	35650	37550	38500	39800	41250	42600	45400	45850	47600	48800	51750	53100	53200	53800	43000
Lower Decile	0	0	32250	32400	33250	34800	34750	36750	38100	38850	41200	41650	43400	43150	45300	46650	46600	46600	37650
Mean	0	0	38150	38350	39550	41750	42750	43950	45400	47700	50700	53100	54350	56850	59600	60700	60550	62650	51650
Supporting Data																			
Total Number	95	191	335	479	560	612	644	711	674	2169	1603	1495	1445	1256	1171	1016	848	1321	16630
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	1	0	3	8
Less Than $22000	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2

1990 ENGINEERING SALARY STATISTICS: ALL INDUSTRY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	58150	59400	60750	62250	65500	70750	76200	81300	85750	89250	91750	93300	94600	84300
Upper Quartile	0	0	0	0	0	55350	56300	57350	58500	60950	65050	69200	73150	76600	79400	81450	82800	84050	74100
Median	0	0	0	0	0	51300	52300	53250	54250	56300	59400	62400	65200	67600	69600	71150	72250	73400	63650
Lower Quartile	0	0	0	0	0	46700	47800	48900	49950	51950	54700	57100	59100	60700	62000	62950	63600	64550	56900
Lower Decile	0	0	0	0	0	41300	42650	43950	45200	47600	50650	53050	54800	55900	56550	56800	56800	56450	51500
Mean	0	0	0	0	0	50350	51600	52900	54150	56750	60500	64000	67150	69800	71900	73450	74500	75500	66500
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	59400	59350	60800	63700	64050	71650	76600	81650	85350	89000	91100	93900	95050	84300
Upper Quartile	0	0	0	0	0	56250	55600	57400	59150	60850	64700	69250	73650	76450	79850	81700	82200	83950	74100
Median	0	0	0	0	0	51700	50900	53300	54850	56650	59450	62400	63900	67950	70500	71950	71800	73050	63650
Lower Quartile	0	0	0	0	0	48800	46000	48250	50900	51950	55100	57300	58350	60500	62400	63000	63700	64750	56900
Lower Decile	0	0	0	0	0	45050	39900	43050	45950	47600	51300	53650	53850	55600	56450	56900	56700	57100	51500
Mean	0	0	0	0	0	51950	50350	52600	55000	56600	60750	64050	66450	70000	72550	73500	74300	75450	66500
Supporting Data																			
Total Number	17	16	10	16	26	57	120	162	185	715	798	878	864	840	917	626	470	688	7402
$125,000 or More	0	0	0	0	0	0	0	0	0	1	0	1	1	7	8	3	5	4	29
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: ALL INDUSTRY, SUPERVISORY, PHD

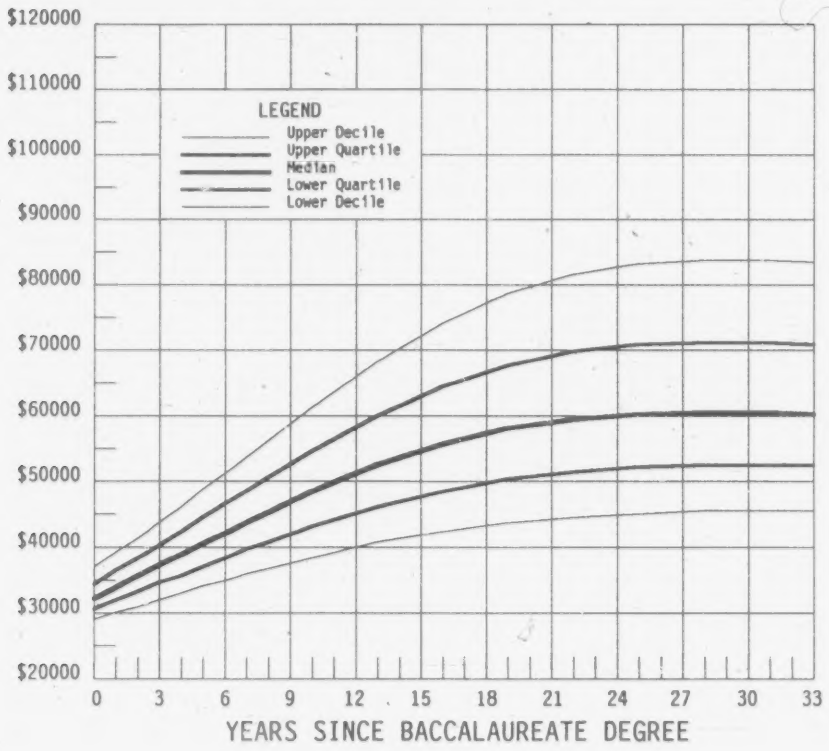
Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	59900	61550	63250	64950	68450	73850	79250	84450	89350	93700	97400	100250	103900	89050
Upper Quartile	0	0	0	0	0	57600	58500	59500	60600	63000	67050	71400	75800	79900	83500	86400	88500	90800	78450
Median	0	0	0	0	0	57050	57050	57200	57500	58550	60900	63900	67250	70700	73900	76650	78800	81450	66900
Lower Quartile	0	0	0	0	0	54400	54450	54550	54800	55450	56950	58800	60850	62950	64900	66600	67950	69750	59550
Lower Decile	0	0	0	0	0	51150	51350	51600	51900	52600	53850	55200	56600	57950	59200	60200	61000	62050	55550
Mean	0	0	0	0	0	55700	56350	57100	57900	59750	62850	66200	69650	72950	75950	78400	80250	82500	70550
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	59600	64150	62100	67200	66600	75300	79500	83400	90300	93900	94600	100950	106500	89050
Upper Quartile	0	0	0	0	0	58000	59600	59200	61350	62500	66800	71850	76000	79800	83600	86150	88500	91550	78450
Median	0	0	0	0	0	55250	57150	56550	57850	59050	61150	63500	65500	72000	75250	77350	78550	80300	66900
Lower Quartile	0	0	0	0	0	52250	53750	53850	54700	56150	57150	58800	59800	62500	66150	66750	68000	70000	59550
Lower Decile	0	0	0	0	0	50450	49850	51200	51300	53250	53800	55300	55700	57800	60400	59600	61800	62100	55550
Mean	0	0	0	0	0	55150	56500	56350	58650	59750	63100	66150	68550	73550	76900	77950	81100	82300	70550
Supporting Data																			
Total Number	2	1	6	3	10	16	29	58	80	320	448	527	491	478	499	329	204	304	3802
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	1	7	7	3	5	3	27
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: ALL INDUSTRY, NON-SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	57800	58250	59000	60100	62900	67850	72750	76900	79950	81950	83050	83600	83850	77950
Upper Quartile	0	0	0	0	0	51250	52800	54350	55900	58850	62900	66400	69300	71600	73300	74550	75400	76400	69200
Median	0	0	0	0	0	49450	49950	50650	51550	53550	56900	60100	62800	64750	66000	66750	67150	67350	60950
Lower Quartile	0	0	0	0	0	44150	45350	46500	47600	49700	52500	54850	56750	58200	59200	59950	60400	60900	53750
Lower Decile	0	0	0	0	0	38900	40150	41350	42500	44750	47600	49950	51700	52850	53550	53950	54050	53950	48350
Mean	0	0	0	0	0	47700	49100	50500	51850	54450	57950	61000	63500	65450	66900	67900	68600	69400	62300
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	59200	56500	59400	61450	62800	67950	71950	78250	79100	81450	82800	84600	85400	77950
Upper Quartile	0	0	0	0	0	52750	52600	54850	56100	58500	62300	66300	70050	71200	74000	75050	75100	77100	69200
Median	0	0	0	0	0	50450	49250	50350	52100	53550	57100	60250	62400	64350	65850	66950	67900	68400	60950
Lower Quartile	0	0	0	0	0	47800	43900	45850	48450	49300	52900	55250	56400	58050	58900	60350	60850	61650	53750
Lower Decile	0	0	0	0	0	39500	39400	41900	42600	44350	48400	50250	50600	52850	53450	54950	53950	54650	48350
Mean	0	0	0	0	0	50600	48350	50450	52300	54000	57900	61050	63600	65350	67050	68500	68900	69900	62300
Supporting Data																			
Total Number	15	15	4	11	16	40	91	106	107	394	355	354	372	362	417	297	264	387	3601
$125,000 or More	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	2
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ALL INDUSTRY CURVES AND TABLES, BY SIZE OF EMPLOYERS

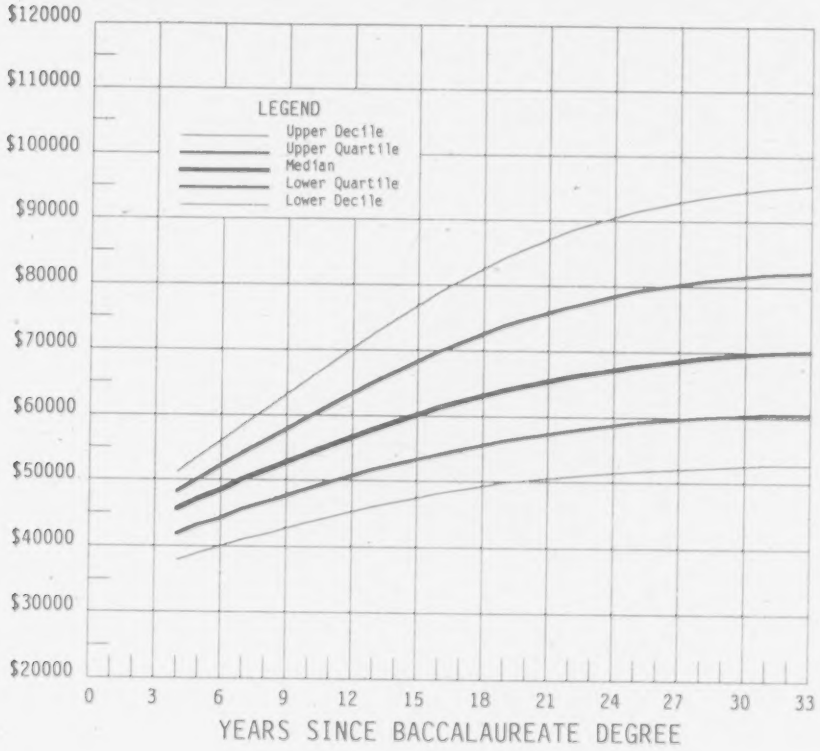
SALARY CURVES FOR ENGINEERS IN LARGE COMPANIES
ALL ENGINEERS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: LARGE COMPANIES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	37000	39200	41450	43800	46200	48700	51200	53700	56200	61200	68150	74050	78550	81500	83150	83750	83650	82500	71500
Upper Quartile	34500	36450	38400	40400	42450	44500	46600	48650	50700	54650	60100	64550	67800	69900	70950	71300	71150	70150	59800
Median	32350	33950	35600	37250	38900	40600	42250	43850	45450	48500	52550	55800	58150	59600	60350	60600	60450	59800	49950
Lower Quartile	30700	31950	33250	34550	35850	37150	38400	39650	40850	43100	46100	48500	50300	51500	52200	52550	52650	52500	41350
Lower Decile	28950	30000	31000	32050	33050	34050	35000	35950	36850	38500	40700	42450	43750	44650	45200	45500	45650	45600	34850
Mean	32800	34450	36050	37750	39400	41100	42800	44450	46100	49300	53600	57150	59900	61750	62900	63450	63600	63300	52100
Raw (Unsmoothed) Statistics																			
Upper Decile	35650	38000	41900	44150	46800	49300	51400	54950	57700	62100	67150	72350	75500	80400	83150	84350	84600	84400	71500
Upper Quartile	33550	35300	38100	40900	43050	44950	46600	50200	52150	55600	59400	63000	64750	69050	71300	71500	71450	72100	59800
Median	32000	33350	35050	37200	39300	41050	42450	44700	46200	49100	52600	54900	56100	58800	60550	60800	60500	61000	49950
Lower Quartile	30700	31700	32650	34350	36200	37250	38350	40450	41350	43600	45800	47500	49100	51450	52800	53300	53250	52300	41350
Lower Decile	29700	30250	30650	31450	32900	33800	34400	36150	37300	39100	40500	42050	43300	45000	45250	46150	46050	45100	34850
Mean	32500	34050	35800	37700	39600	41300	42650	45250	46850	49950	53250	56300	58100	61600	63450	63950	63900	63750	52100
Supporting Data																			
Total Number	1423	2168	2098	2408	2798	3172	2936	3057	3080	8781	6075	5482	5519	4406	3982	3610	3354	5019	69375
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	5	16	29	31	30	22	43	175
Less Than $22000	2	1	2	0	8	0	0	0	1	2	0	0	0	1	1	0	0	0	19

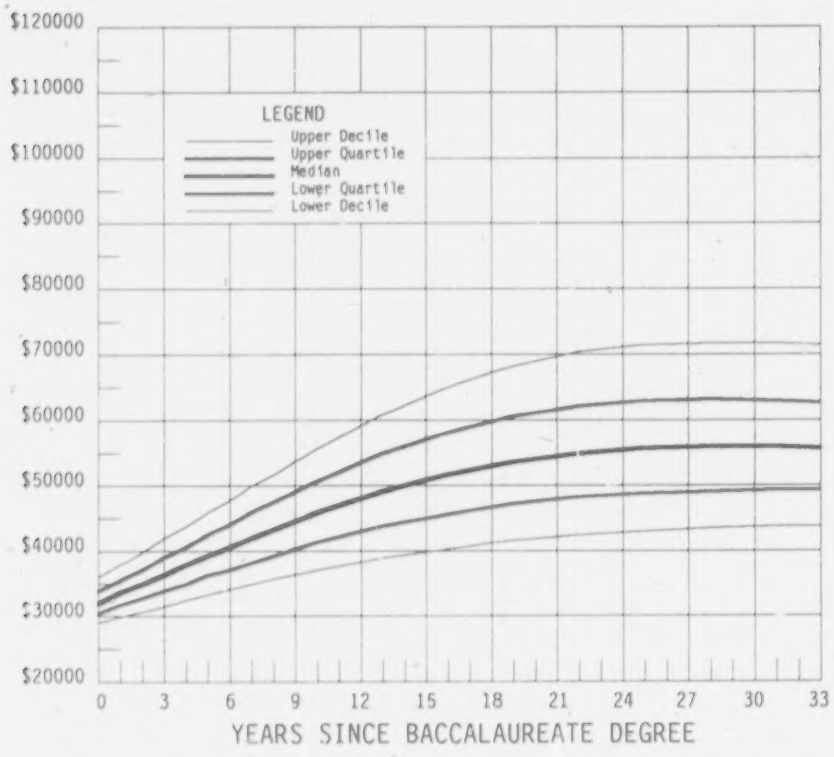
SALARY CURVES FOR ENGINEERS IN LARGE COMPANIES
SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: LARGE COMPANIES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	51200	53550	55950	58400	60800	65650	72600	78850	84200	88450	91550	93700	95050	96350	81800
Upper Quartile	0	0	0	0	48250	50200	52150	54050	56000	59750	65050	69800	73750	76900	79250	80900	81950	83150	69550
Median	0	0	0	0	45700	47150	48650	50050	51450	54200	57900	61200	63900	66100	67750	68950	69800	70850	58500
Lower Quartile	0	0	0	0	41900	43150	44350	45500	46650	48800	51750	54250	56300	57900	59100	59900	60500	61100	49800
Lower Decile	0	0	0	0	38000	39050	40050	41000	42000	43800	46200	48150	49750	50950	51800	52350	52750	53100	42700
Mean	0	0	0	0	45100	46750	48350	49950	51550	54650	59000	62800	66050	68650	70650	72100	73100	74250	61200
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	49900	53550	55250	58800	61450	66850	72450	77850	81850	88650	93350	94300	95950	95800	81800
Upper Quartile	0	0	0	0	47600	49900	51600	54850	56800	60300	64450	69250	73000	77550	79300	81700	82900	82300	69550
Median	0	0	0	0	44750	47300	47800	50950	51750	54850	57650	60600	62900	66400	68650	69450	69850	70500	58500
Lower Quartile	0	0	0	0	41550	43350	43200	46150	46300	49350	51950	54100	55100	57700	59750	60450	61150	60650	49800
Lower Decile	0	0	0	0	37950	38950	39100	42050	41350	44050	46500	48150	48400	50950	52850	52600	53400	52500	42700
Mean	0	0	0	0	44600	46850	47550	50650	51650	55200	58650	62350	64950	69200	71500	72800	73650	73400	61200
Supporting Data																			
Total Number	107	330	373	562	641	684	711	959	985	3284	2652	2519	2379	2000	1795	1551	1371	1941	24846
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	5	16	29	28	29	22	43	172
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2

SALARY CURVES FOR ENGINEERS IN LARGE COMPANIES
NON-SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: LARGE COMPANIES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	35900	37800	39750	41750	43750	45800	47850	49850	51850	55700	60900	65200	68300	70350	71400	71750	71650	70800	62350
Upper Quartile	33800	35500	37200	38900	40650	42400	44100	45800	47450	50650	54850	58200	60600	62100	62850	63100	62950	62250	54300
Median	32100	33550	34950	36400	37800	39250	40650	42000	43300	45850	49150	51750	53700	54950	55650	55950	55950	55600	45450
Lower Quartile	30500	31650	32800	33900	35050	36150	37200	38250	39300	41200	43650	45650	47150	48150	48800	49150	49300	49250	38400
Lower Decile	28950	29800	30700	31600	32450	33250	34100	34850	35600	37050	38900	40400	41600	42450	43050	43450	43700	43850	33200
Mean	32350	33750	35200	36650	38050	39500	40900	42250	43600	46150	49550	52250	54300	55700	56550	56950	57050	56850	47050
Raw (Unsmoothed) Statistics																			
Upper Decile	35450	37100	39900	41050	43800	46050	48250	50950	53900	56950	60300	63750	64950	68400	71350	71400	71500	73800	62350
Upper Quartile	33450	34950	36850	38450	40800	43000	44700	46450	48900	51400	54550	56750	58250	60750	62700	63300	62850	64250	54300
Median	31800	33050	34350	36150	38300	39850	41250	42700	44450	46150	48500	50150	52650	54600	55750	56200	56150	56500	45450
Lower Quartile	30600	31350	32250	33450	35250	36450	37350	38900	40000	41900	43050	44500	46050	47850	48600	50250	50050	49350	38400
Lower Decile	29600	30150	30400	30750	32350	33050	33650	34950	36050	37700	38400	39900	41500	42700	43350	44150	44250	43150	33200
Mean	32300	33550	34800	36150	38150	39750	41100	42750	44600	46850	49050	51150	52950	55200	56750	57250	57200	57650	47050
Supporting Data																			
Total Number	1313	1837	1727	1847	2157	2484	2225	2102	2093	5499	3430	2965	3143	2403	2184	2060	1981	3079	44529
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	3
Less Than $22000	2	1	2	0	8	0	0	0	1	2	0	0	0	0	0	0	0	0	17

1990 ENGINEERING SALARY STATISTICS: LARGE COMPANIES, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	35350	37450	39600	41800	44100	46400	48800	51200	53600	58300	65000	70700	75150	78200	79950	80700	80800	80000	66950
Upper Quartile	33650	35400	37200	39000	40900	42750	44600	46500	48350	51900	56750	60800	63850	65950	67100	67650	67700	67150	55800
Median	32100	33550	35000	36500	37950	39400	40850	42300	43700	46350	49900	52800	54950	56450	57300	57750	57900	57650	45950
Lower Quartile	30600	31750	32900	34000	35100	36250	37300	38350	39400	41300	43900	46000	47650	48800	49600	50100	50350	50500	38400
Lower Decile	29000	29900	30750	31600	32450	33250	34050	34850	35600	37000	38900	40450	41700	42650	43350	43800	44100	44450	33200
Mean	32150	33650	35150	36650	38200	39750	41250	42750	44250	47150	51050	54350	56950	58850	60050	60800	61150	61250	48800
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	35050	36950	40300	42000	43850	46150	48050	51600	55000	59350	64300	70500	72650	78300	78150	80200	82050	81050	66950
Upper Quartile	33400	35000	37050	38950	40850	43050	44650	46850	49650	52650	56550	60050	61650	65250	66850	66900	67400	68850	55800
Median	31850	33200	34500	36350	38350	39850	41050	42900	44650	46700	49550	51900	53650	55800	57350	57500	57950	58600	45950
Lower Quartile	30650	31550	32400	33650	35400	36450	37200	38950	39950	42050	43250	45200	46500	48800	49300	50900	51000	50500	38400
Lower Decile	29600	30200	30450	30800	32400	33050	33550	34850	36150	37700	38450	39950	41350	43150	43450	44350	44750	43700	33200
Mean	32100	33600	35000	36450	38250	39700	40950	43100	45000	47800	50650	53850	55550	59050	60000	60950	61500	61400	48800
---------- Supporting Data ----------																			
Total Number	1357	2034	1819	1878	2172	2453	2174	2091	2148	5632	3557	3170	3168	2468	2122	2071	2128	3471	45924
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	2	7	19	14	19	14	32	107
Less Than $22000	2	1	2	0	6	0	0	0	1	2	0	0	0	1	1	0	0	0	17

1990 ENGINEERING SALARY STATISTICS: LARGE COMPANIES, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	0	0	0	0	49400	51850	54400	56900	59500	64600	70000	78700	84400	88800	92000	94050	95300	96200	81650
Upper Quartile	0	0	0	0	45850	47900	49950	52000	54050	58050	63700	68650	72700	75750	77850	79200	79950	80500	68600
Median	0	0	0	0	42100	43750	45350	46900	48500	51550	55700	59300	62200	64400	66000	67000	67600	68100	56700
Lower Quartile	0	0	0	0	38350	39600	40850	42050	43250	45550	48700	51450	53650	55400	56700	57600	58200	58850	47050
Lower Decile	0	0	0	0	35650	36550	37500	38350	39250	40900	43150	45150	46800	48150	49150	49950	50550	51300	39450
Mean	0	0	0	0	42300	44000	45700	47400	49100	52400	57100	61200	64600	67300	69250	70600	71450	72350	59650
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	0	0	0	0	49400	52150	53950	55850	59400	65550	71900	78500	81650	90300	92550	94750	98250	94000	81650
Upper Quartile	0	0	0	0	45450	47950	49300	52050	54300	58700	63200	68900	71900	76550	76100	79500	81250	79800	68600
Median	0	0	0	0	41450	43650	44400	47600	48450	52250	55500	59100	61800	63800	66400	67200	67200	68000	56700
Lower Quartile	0	0	0	0	38000	39400	39900	43050	42800	46000	49100	51550	52300	55200	56850	58250	58400	58400	47050
Lower Decile	0	0	0	0	36000	36450	36750	39100	38600	41250	42750	45400	46400	48250	48950	50700	51100	50450	39450
Mean	0	0	0	0	42050	44050	45000	47900	48950	52900	56750	61200	63550	68050	69000	71450	72000	71400	59650
---------- Supporting Data ----------																			
Total Number	97	296	252	254	249	273	314	398	489	1541	1203	1196	1120	980	834	771	807	1279	12362
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	2	7	19	14	18	14	32	106
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2

1990 ENGINEERING SALARY STATISTICS: LARGE COMPANIES, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	35050	36950	38850	40800	42800	44800	46750	48700	50650	54350	59250	63100	65800	67400	68100	68150	67800	66600	59000
Upper Quartile	33500	35100	36750	38450	40100	41750	43400	45000	46600	49550	53450	56500	58600	59900	60450	60550	60350	59500	51350
Median	32000	33350	34750	36100	37450	38800	40100	41400	42650	45000	48050	50450	52150	53250	53850	54050	54050	53650	43300
Lower Quartile	30450	31550	32650	33700	34750	35750	36750	37750	38650	40400	42650	44400	45700	46550	47100	47350	47450	47350	36700
Lower Decile	29000	29800	30600	31350	32100	32850	33550	34250	34900	36150	37800	39150	40250	41100	41700	42150	42450	42800	32350
Mean	32000	33400	34750	36150	37500	38850	40200	41500	42750	45100	48250	50750	52550	53750	54400	54700	54750	54450	44750
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	34950	36150	38700	40400	43150	45200	46700	49450	52850	55450	58950	61550	62450	65650	66600	66800	67450	70250	59000
Upper Quartile	33300	34600	36150	37900	40500	42600	43950	45700	48200	50150	52850	54750	56650	58500	59600	59800	60150	62050	51350
Median	31750	32900	34000	35850	38100	39500	40650	42150	43900	45400	47050	48400	51050	52800	53650	54450	54600	54650	43300
Lower Quartile	30600	31250	32100	33150	35050	36200	36750	38300	39400	41250	41750	43250	44700	46250	46350	47850	48150	47950	36700
Lower Decile	29500	30100	30300	30500	32200	32750	33150	34350	35200	36800	37300	38550	40000	41200	42300	42800	43350	42000	32350
Mean	32000	33150	34250	35650	37800	39150	40300	41950	43850	45850	47600	49450	51200	53100	54100	54750	55050	55550	44750
---------- Supporting Data ----------																			
Total Number	1260	1738	1565	1625	1923	2180	1860	1696	1660	4090	2356	1975	2047	1488	1287	1299	1320	2194	33563
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Less Than $22000	2	1	2	0	6	0	0	0	1	2	0	0	0	0	0	0	0	0	15

1990 ENGINEERING SALARY STATISTICS: LARGE COMPANIES, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	45950	48050	50200	52300	54450	56600	58750	62900	68750	73850	78000	81100	83300	84750	85550	86150	74100
Upper Quartile	0	0	44400	46000	47600	49200	50800	52400	53950	56900	61050	64650	67650	70000	71800	73050	73900	74900	62800
Median	0	0	42150	43400	44650	45850	47050	48250	49350	51500	54400	56850	58850	60400	61600	62400	62950	63600	54200
Lower Quartile	0	0	38900	39900	40900	41900	42850	43750	44650	46350	48650	50600	52200	53500	54500	55200	55700	56400	46850
Lower Decile	0	0	35700	36600	37500	38350	39150	39950	40700	42100	43950	45450	46650	47500	48150	48550	48800	49100	41950
Mean	0	0	41550	42950	44300	45700	47050	48350	49650	52150	55600	58550	60950	62900	64350	65400	66100	66950	56450
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	46250	46500	49500	52650	53650	57300	59450	64800	68400	72050	76550	79800	84150	85000	85700	87000	74100
Upper Quartile	0	0	42900	44450	47250	49650	50950	53850	55000	58050	60600	63300	65400	69900	72850	73600	74300	75050	62800
Median	0	0	40100	42300	44700	46600	46850	49550	49550	52400	54450	56000	57100	60100	61750	63200	63100	63900	54200
Lower Quartile	0	0	37650	39050	41350	42300	42700	44500	44750	46700	48750	50050	51300	53750	54350	55550	56000	56200	46850
Lower Decile	0	0	34950	35750	37100	38450	39150	41050	41200	42450	44450	44750	45600	47050	47650	49450	50000	48700	41950
Mean	0	0	40850	41800	44100	46200	46800	49250	50000	52950	55500	57600	59650	62500	65000	66200	66000	66850	56450
Supporting Data																			
Total Number	56	121	274	517	605	674	687	854	785	2622	1905	1643	1721	1381	1268	1099	911	1124	18256
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	2	9	3	10	9	4	9	47
Less Than $22000	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2

1990 ENGINEERING SALARY STATISTICS: LARGE COMPANIES, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	51050	53450	55900	58350	60800	65650	72550	78650	83700	87600	90300	92000	93000	93650	79450
Upper Quartile	0	0	0	0	48950	50800	52700	54600	56500	60150	65350	70000	73950	77100	79550	81300	82500	83900	67800
Median	0	0	0	0	47100	48400	49700	51000	52250	54700	58150	61300	64050	66400	68350	69900	71050	72800	57350
Lower Quartile	0	0	0	0	44900	45850	46800	47700	48650	50400	52800	55000	56900	58550	59900	61050	61900	63200	50150
Lower Decile	0	0	0	0	42500	43200	43850	44550	45200	46450	48250	49850	51350	52600	53700	54650	55350	56550	44900
Mean	0	0	0	0	46900	48400	49900	51350	52800	55650	59650	63250	66350	68950	71000	72600	73800	75400	60550
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	49800	53450	54550	59000	61700	67450	72550	76200	81750	84800	94600	93800	92250	94750	79450
Upper Quartile	0	0	0	0	48100	50450	51900	55350	57550	61200	64950	68450	73200	77000	86000	81800	83150	84750	67800
Median	0	0	0	0	45800	48300	49050	52200	53150	55550	57700	60150	62600	67250	69400	70000	71400	73250	57350
Lower Quartile	0	0	0	0	43750	45850	45950	48500	49000	51300	53000	54150	55400	58450	60150	61000	63550	63750	50150
Lower Decile	0	0	0	0	41700	43300	42800	45000	45700	47150	48400	49400	50100	53100	53450	53650	57250	57300	44900
Mean	0	0	0	0	46000	48400	49000	52150	53400	56600	59300	62050	65350	68700	72300	73150	74250	75650	60550
Supporting Data																			
Total Number	9	34	116	303	383	394	366	506	421	1439	1041	860	854	670	604	526	404	460	9387
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	2	9	3	8	9	4	9	45
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: LARGE COMPANIES, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	46200	47550	48900	50300	51650	52950	54300	56850	60500	63750	66650	69100	71100	72750	73950	75800	65700
Upper Quartile	0	0	42400	43700	44950	46150	47400	48600	49750	52000	55150	57850	60200	62100	63600	64750	65600	66700	58200
Median	0	0	38650	39800	40950	42050	43150	44250	45300	47350	50100	52500	54450	56050	57250	58100	58700	59500	51000
Lower Quartile	0	0	36100	37050	37950	38900	39800	40650	41500	43150	45350	47250	48900	50200	51200	52000	52600	53350	44300
Lower Decile	0	0	33200	34150	35100	36000	36900	37700	38550	40000	41900	43400	44500	45200	45650	45850	45900	45850	39500
Mean	0	0	39350	40500	41600	42750	43850	44900	46000	48000	50800	53200	55200	56850	58150	59100	59800	60700	52050
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	45750	45850	48050	51250	52300	52850	54700	57950	60600	63600	64000	68600	71750	73750	74350	75900	65700
Upper Quartile	0	0	42600	42600	44850	45900	47600	48700	49500	52750	55550	57850	58600	61800	63500	65950	64550	67300	58200
Median	0	0	39100	38600	40550	42200	43550	44600	45350	47700	50250	52000	53700	56450	57050	58750	58200	59550	51000
Lower Quartile	0	0	36350	36050	36950	38850	40350	41400	41950	43450	45750	46300	48250	49950	51200	52650	53250	53000	44300
Lower Decile	0	0	33850	33150	34100	36150	36950	38200	38700	40550	42050	42750	44350	44700	44900	46950	46200	45700	39500
Mean	0	0	39750	39350	40850	42950	44250	45100	46050	48600	50950	52800	54100	56700	58350	59900	59600	60650	52050
Supporting Data																			
Total Number	48	88	158	215	222	280	318	350	364	1183	865	786	869	709	663	574	511	661	8867
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
Less Than $22000	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2

1990 ENGINEERING SALARY STATISTICS: LARGE COMPANIES, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	59800	60900	62200	63550	66600	71600	76750	81600	85750	89050	91400	92900	94100	83650
Upper Quartile	0	0	0	0	0	57300	57900	58650	59550	61700	65450	69400	73250	76550	79150	81000	82150	83150	73550
Median	0	0	0	0	0	53800	54400	55100	55800	57400	60000	62650	65150	67350	69100	70450	71400	72300	63350
Lower Quartile	0	0	0	0	0	49800	50650	51500	52300	53800	55900	57750	59300	60550	61550	62250	62750	63250	57350
Lower Decile	0	0	0	0	0	46200	47100	48000	48800	50350	52300	53800	54900	55650	56100	56350	56450	56500	52800
Mean	0	0	0	0	0	53350	54200	55150	56100	58150	61300	64450	67300	69700	71600	72950	73850	74650	66550
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	59950	61600	61650	65250	65550	71800	77500	81200	86700	88850	89550	93800	95950	83650
Upper Quartile	0	0	0	0	0	57750	58000	58500	59900	61700	64800	69500	73850	77150	79650	80000	81950	83900	73550
Median	0	0	0	0	0	52900	53750	55100	56350	57850	59750	62700	64050	67450	70450	70900	72150	71900	63350
Lower Quartile	0	0	0	0	0	50300	50100	51550	52000	53950	56000	57950	58850	60050	62050	62300	63900	63600	57350
Lower Decile	0	0	0	0	0	48150	45800	48200	49150	50050	52100	54400	55000	55450	56450	56450	56950	56200	52800
Mean	0	0	0	0	0	54350	53550	55050	56550	58050	61200	64550	66800	70250	72550	72400	74450	74750	66550
Supporting Data																			
Total Number	9	12	9	13	21	41	74	111	145	528	615	668	635	558	591	436	309	424	5192
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	1	6	7	1	4	1	21
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

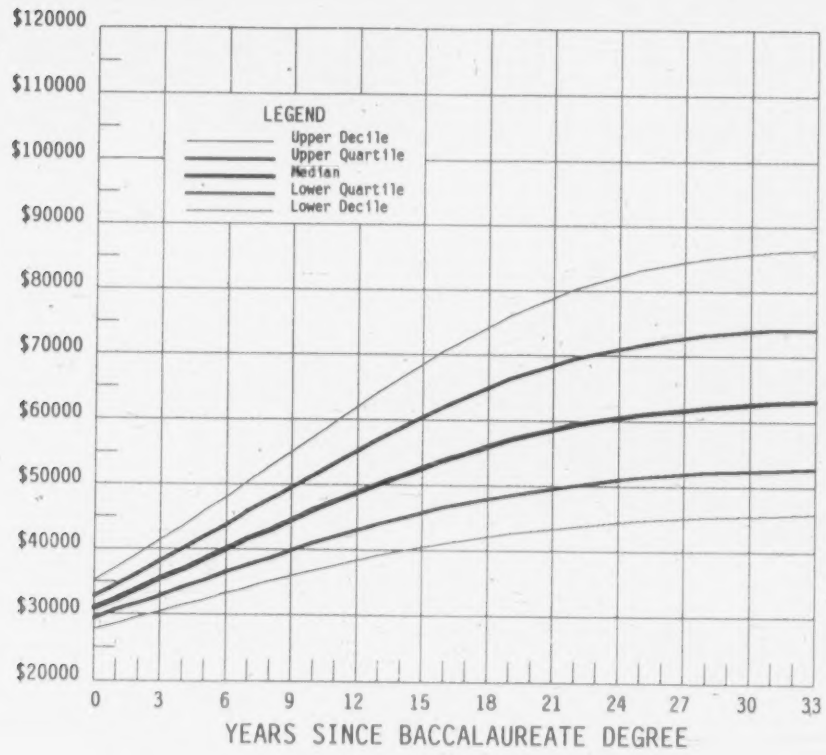
1990 ENGINEERING SALARY STATISTICS: LARGE COMPANIES, SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	60400	61800	63300	64850	68100	73250	78550	83750	88650	93000	96600	99350	102550	86650
Upper Quartile	0	0	0	0	0	58050	58800	59650	60600	62850	66800	71050	75350	79300	82700	85350	87150	89000	76700
Median	0	0	0	0	0	57400	57450	57550	57700	58600	60850	63700	66850	69950	72750	75100	76800	78650	65050
Lower Quartile	0	0	0	0	0	54350	54500	54750	55000	55750	57150	58800	60500	62200	63750	65100	66150	67550	59000
Lower Decile	0	0	0	0	0	51100	51450	51800	52200	53050	54300	55550	56750	57800	58650	59350	59850	60450	55450
Mean	0	0	0	0	0	56500	56950	57500	58200	59800	62700	65900	69200	72300	75050	77250	78800	80550	69250
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	59600	64250	62250	67500	66450	74150	79100	82250	90400	93300	93750	99450	105900	86650
Upper Quartile	0	0	0	0	0	58000	59650	59300	61650	62450	66500	71300	75500	79700	83050	84600	87400	89650	76700
Median	0	0	0	0	0	55250	57350	56800	58150	59100	61050	63350	65400	70550	74300	75650	77750	77450	65050
Lower Quartile	0	0	0	0	0	52250	54200	54150	55250	56200	57250	58850	59900	61800	64450	64600	67250	68400	59000
Lower Decile	0	0	0	0	0	50450	50800	51750	52300	53350	54150	55700	56450	57500	59250	58600	61200	60950	55450
Mean	0	0	0	0	0	55150	57300	56900	59100	59800	62850	65850	68100	73200	76150	76200	80200	80500	69250
Supporting Data																			
Total Number	2	1	6	3	9	16	28	55	76	302	409	464	405	351	358	253	161	201	3097
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	1	6	7	1	4	1	21
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: LARGE COMPANIES, NON-SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	60300	60500	60600	61350	63550	67950	72500	76350	79250	81150	82200	82700	83000	77550
Upper Quartile	0	0	0	0	0	56000	56100	56550	57250	59200	62800	66450	69550	71900	73450	74350	74800	75100	68900
Median	0	0	0	0	0	51500	51900	52450	53150	54900	57750	60500	62700	64350	65400	66000	66350	66500	60900
Lower Quartile	0	0	0	0	0	48600	48750	49100	49600	50950	53200	55300	56900	58050	58700	59100	59250	59300	54500
Lower Decile	0	0	0	0	0	45750	45800	45950	46300	47350	49200	50800	52050	52800	53250	53450	53550	53600	49950
Mean	0	0	0	0	0	52500	52550	52950	53550	55250	58350	61350	63850	65600	66750	67400	67700	67900	62600
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	61600	58950	60400	62750	63450	67350	72250	78400	79350	79950	80150	83000	87150	77550
Upper Quartile	0	0	0	0	0	57200	55050	56000	57750	59700	61950	66450	70500	71300	73950	73800	74650	77600	68900
Median	0	0	0	0	0	51500	51700	52750	52750	55250	57250	60750	62450	64100	66350	66100	67550	67200	60900
Lower Quartile	0	0	0	0	0	49050	48250	49250	50050	50750	52850	56250	57200	56900	58600	59600	60450	60450	54500
Lower Decile	0	0	0	0	0	47600	43600	47150	46200	47400	48900	51000	52500	52600	53500	54350	54350	53600	49950
Mean	0	0	0	0	0	53650	51250	53200	53750	55450	57700	61650	64400	65200	67150	67050	68450	69400	62600
Supporting Data																			
Total Number	7	11	3	8	12	26	46	56	69	228	207	203	226	208	233	187	150	224	2097
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

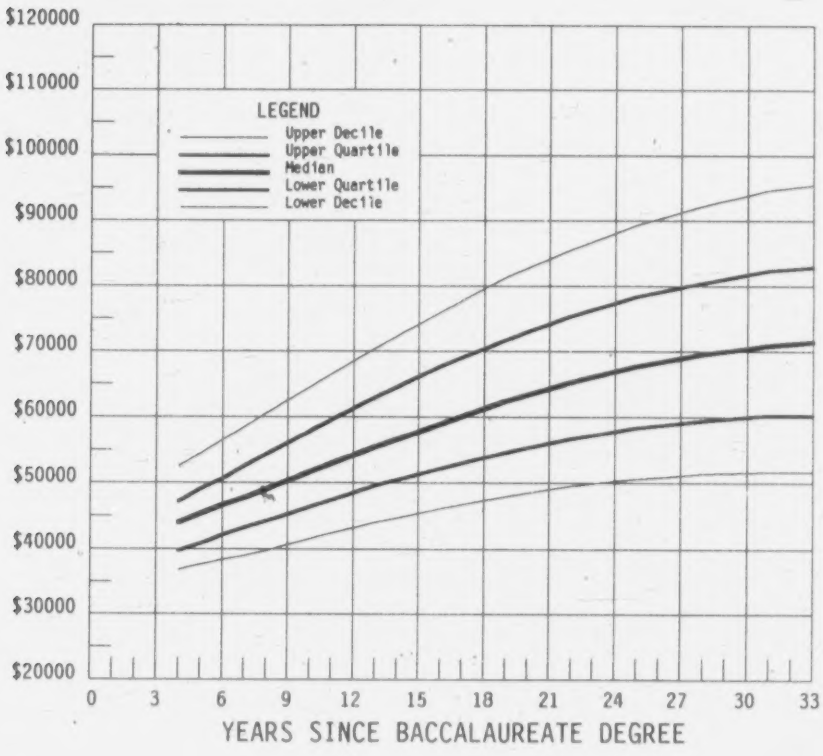
SALARY CURVES FOR ENGINEERS IN MEDIUM-SIZED COMPANIES
ALL ENGINEERS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: MEDIUM-SIZED COMPANIES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	35150	37100	39200	41300	43500	45750	48050	50400	52750	57450	64350	70650	75950	80150	83100	85050	86150	86950	73000
Upper Quartile	32700	34450	36250	38050	39950	41850	43800	45750	47700	51600	57150	62150	66300	69500	71800	73250	74100	74750	60450
Median	30900	32350	33850	35350	36900	38400	39950	41500	43050	46050	50250	53950	57000	59400	61100	62250	63000	63650	48700
Lower Quartile	29350	30550	31700	32900	34100	35300	36500	37650	38800	40950	43950	46550	48600	50200	51350	52150	52600	53100	39500
Lower Decile	27600	28550	29550	30500	31450	32400	33300	34250	35100	36800	39100	41050	42600	43800	44700	45300	45700	46150	33700
Mean	31250	32700	34200	35750	37300	38900	40500	42050	43650	46750	51200	55100	58400	61000	62950	64300	65150	66000	51550
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	35000	36000	39300	41250	44150	45850	49050	51100	52600	57800	64200	69950	74750	80300	82050	84050	87150	88450	73000
Upper Quartile	32700	33700	36150	37850	40050	41750	44900	46650	48250	51850	57150	61900	64300	69700	71350	72550	75300	75800	60450
Median	31100	31850	33500	35100	36850	38400	40250	42400	44050	46400	50200	53750	55150	59900	60950	61550	63700	64450	48700
Lower Quartile	29750	29950	31050	32950	33700	36100	36850	38000	39500	41250	44000	45850	46900	51000	52500	51900	53350	52950	39500
Lower Decile	28150	27050	29000	30850	31550	33400	33450	35200	35650	36800	39000	40350	41600	44400	45450	44800	45200	46700	33700
Mean	31500	31800	33950	35800	37300	39150	40900	42800	44100	47050	51250	54550	57000	61550	62850	63300	66050	66750	51550
---------- Supporting Data ----------																			
Total Number	783	909	879	1108	1392	1232	1127	1241	1126	3613	2851	2828	2694	2126	2242	1568	1361	2778	31857
$125,000 or More	0	0	0	0	0	0	0	0	0	1	1	2	4	4	6	5	18	42	82
Less Than $22000	14	30	11	3	3	2	1	2	2	0	0	1	0	0	0	0	0	0	67

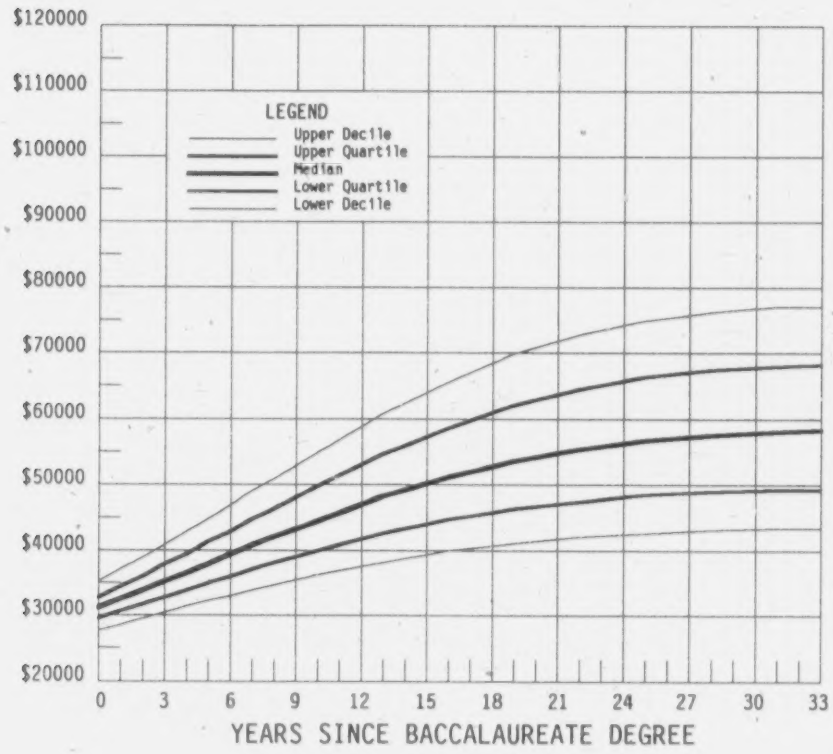
SALARY CURVES FOR ENGINEERS IN MEDIUM-SIZED COMPANIES SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: MEDIUM-SIZED COMPANIES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	52500	54450	56500	58500	60550	64600	70500	76100	81200	85600	89350	92400	94700	98100	85250
Upper Quartile	0	0	0	0	47250	49050	50800	52600	54350	57900	62950	67650	71850	75400	78300	80600	82300	84700	73350
Median	0	0	0	0	44100	45350	46600	47850	49150	51650	55400	59000	62300	65250	67700	69600	71050	72650	61750
Lower Quartile	0	0	0	0	39800	40900	42050	43150	44300	46450	49550	52350	54750	56750	58300	59450	60200	60900	52250
Lower Decile	0	0	0	0	36800	37550	38300	39050	39850	41500	43900	46150	48050	49550	50650	51350	51750	52100	45200
Mean	0	0	0	0	44400	45750	47150	48500	49900	52650	56700	60550	64100	67200	69800	71850	73300	75000	64300
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	55400	49750	55300	58550	59100	66850	71100	74550	81050	88400	86700	90100	98050	98900	85250
Upper Quartile	0	0	0	0	48300	46000	51300	52650	54350	58400	63300	67600	71100	77100	76250	80400	84550	84950	73350
Median	0	0	0	0	44600	43100	48200	47400	49250	51700	55350	60300	60400	66900	66900	67450	73350	73250	61750
Lower Quartile	0	0	0	0	39900	38900	41800	44500	45250	46950	48750	53150	53100	58450	58000	59150	62200	60450	52250
Lower Decile	0	0	0	0	38200	36250	37250	39600	41450	41900	42900	46100	47100	52850	51700	49600	53850	50200	45200
Mean	0	0	0	0	45350	43450	47300	48750	50300	53050	56750	60600	63200	69200	68400	69950	76350	75300	64300
Supporting Data																			
Total Number	6	15	23	35	60	86	123	133	144	646	801	1015	1073	852	1019	576	511	1053	8169
$125,000 or More	0	0	0	0	0	0	0	0	0	0	1	1	4	4	6	4	18	37	73
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SALARY CURVES FOR ENGINEERS IN MEDIUM-SIZED COMPANIES NON-SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: MEDIUM-SIZED COMPANIES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	35150	37000	38900	40850	42850	44850	46900	48950	50950	55000	60700	65700	69800	72900	75000	76300	77000	77350	65100
Upper Quartile	32850	34450	36100	37800	39500	41250	43000	44700	46450	49850	54600	58700	62050	64600	66350	67450	68050	68450	54300
Median	31150	32500	33850	35250	36600	38000	39350	40700	42050	44600	48150	51200	53650	55500	56850	57700	58200	58650	44850
Lower Quartile	29550	30650	31750	32850	33900	35000	36050	37100	38100	40000	42550	44700	46350	47600	48450	49000	49300	49600	37400
Lower Decile	27700	28600	29500	30450	31350	32200	33050	33900	34700	36250	38250	39900	41150	42100	42750	43150	43400	43600	32600
Mean	31300	32700	34100	35500	36950	38350	39800	41200	42600	45300	49050	52250	54850	56850	58200	59150	59650	60100	47150
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	34800	36000	39050	41050	43400	45300	47150	49900	51100	55450	60400	64500	67900	71250	76050	77200	76900	79000	65100
Upper Quartile	32700	33600	35050	37750	39750	41050	43850	45950	47000	50450	54550	57350	59950	64200	65200	67500	68950	70550	54300
Median	31100	31800	33450	35100	36650	38200	39850	41800	43200	45200	48200	50050	51400	54800	56350	57750	59150	60400	44850
Lower Quartile	29750	29850	31000	33000	33600	35950	36450	37650	39000	40400	42750	43500	44350	47650	48750	49600	48900	50750	37400
Lower Decile	28150	27000	28950	30900	31450	33250	33100	34950	35050	36450	38400	38750	39750	42300	42850	43100	42750	44950	32600
Mean	31400	31750	33750	35700	36950	38800	40150	42050	43100	45750	49100	51300	52900	56400	58300	59450	59850	61500	47150
---------- Supporting Data ----------																			
Total Number	776	894	855	1072	1335	1146	1010	1108	980	2968	2048	1816	1620	1274	1222	991	849	1729	23685
$125,000 or More	0	0	0	0	0	0	0	0	0	1	0	2	0	0	1	1	0	5	9
Less Than $22000	14	30	11	3	3	2	1	2	2	0	0	1	0	0	0	0	0	0	67

1990 ENGINEERING SALARY STATISTICS: MEDIUM-SIZED COMPANIES, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34250	36150	38150	40200	42250	44400	46600	48800	51000	55450	61800	67550	72350	76050	78600	80250	81150	81650	67200
Upper Quartile	32550	34200	35850	37550	39300	41050	42800	44600	46350	49850	54800	59150	62750	65500	67450	68750	69500	70100	55500
Median	30950	32300	33700	35100	36500	37900	39300	40700	42050	44700	48400	51550	54100	56050	57400	58300	58800	59250	45500
Lower Quartile	29350	30450	31600	32700	33800	34900	36000	37050	38050	40000	42650	44800	46550	47800	48650	49200	49500	49750	37450
Lower Decile	27500	28400	29350	30250	31150	32050	32900	33750	34550	36100	38150	39850	41200	42250	42950	43400	43700	44000	32500
Mean	30950	32350	33750	35200	36700	38150	39650	41100	42550	45400	49400	52850	55750	57950	59600	60650	61350	62000	48200
Raw (Unsmoothed) Statistics																			
Upper Decile	33800	35450	37850	40250	43000	44050	48000	50300	51400	55800	62050	66850	69850	75350	76050	78700	82900	84550	67200
Upper Quartile	32400	33450	35650	37250	39550	40750	43850	46050	47300	50650	54850	58700	59950	65150	65250	66850	71750	72550	55500
Median	31000	31700	33150	34850	36550	38050	39850	41800	43350	45400	48050	50700	52450	55950	56100	57900	60700	60250	45500
Lower Quartile	29650	29700	30850	32750	33450	35950	36600	37600	38900	40500	42300	43650	45200	48800	49050	48900	49900	50050	37450
Lower Decile	28100	26850	28800	30650	31200	33200	33500	34700	34650	36250	37650	39100	40900	42950	42650	42450	43350	44850	32500
Mean	30950	31400	33450	35250	36800	38500	40300	42200	43300	45900	49350	52050	54050	58050	58300	59200	63000	63500	48200
Supporting Data																			
Total Number	739	857	776	941	1162	1013	879	939	871	2563	1915	1821	1802	1211	1302	939	913	1810	22456
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	2	1	3	1	14	31	53
Less Than $22000	14	30	11	3	3	2	1	2	2	0	0	1	0	0	0	0	0	0	67

1990 ENGINEERING SALARY STATISTICS: MEDIUM-SIZED COMPANIES, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	51450	53150	54900	56650	58450	62000	67250	72350	77150	81500	85400	88750	91450	95750	80700
Upper Quartile	0	0	0	0	46550	48100	49700	51250	52800	55900	60350	64500	68300	71600	74400	76700	78450	81100	69100
Median	0	0	0	0	44200	45200	46150	47200	48200	50300	53450	56500	59400	62050	64250	66050	67350	68900	58150
Lower Quartile	0	0	0	0	39850	40700	41550	42450	43400	45200	47900	50400	52550	54300	55600	56500	57050	57500	49600
Lower Decile	0	0	0	0	37400	37800	38250	38750	39300	40500	42400	44250	45900	47300	48350	49050	49500	49900	42950
Mean	0	0	0	0	44050	45150	46250	47400	48550	50850	54400	57850	61100	64050	66600	68600	70100	71850	60900
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	53850	48500	54200	58050	58400	62250	68850	72550	76250	84000	81100	85650	94950	97450	80700
Upper Quartile	0	0	0	0	47450	45650	50650	51750	52850	55250	61150	66050	66200	74100	72300	75150	80950	81450	69100
Median	0	0	0	0	44200	42900	48000	46700	48750	50200	53250	58800	57200	63300	62600	64050	70000	69750	58150
Lower Quartile	0	0	0	0	39700	38600	41300	44200	44850	45950	46550	51100	51100	56650	54850	57850	60500	55750	49600
Lower Decile	0	0	0	0	38100	36300	37250	39250	41350	41200	41500	43550	45300	50450	49550	46400	52300	48350	42950
Mean	0	0	0	0	44100	42800	46700	47950	49650	50950	54450	58850	59500	65850	64500	66300	73700	72600	60900
Supporting Data																			
Total Number	4	12	23	31	56	80	112	113	128	464	554	634	707	453	590	339	362	691	5353
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	2	1	3	1	14	29	51
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: MEDIUM-SIZED COMPANIES, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34350	36100	37900	39750	41650	43550	45450	47350	49250	52950	58100	62450	65900	68400	69950	70850	71200	71100	59400
Upper Quartile	32600	34100	35700	37300	38900	40500	42100	43700	45300	48300	52500	56000	58700	60700	61950	62700	63000	63050	50350
Median	31050	32300	33600	34900	36200	37500	38750	40000	41200	43500	46600	49100	51000	52300	53150	53650	53850	53800	42300
Lower Quartile	29450	30500	31550	32550	33600	34600	35600	36550	37450	39200	41450	43300	44700	45700	46350	46700	46900	46950	35800
Lower Decile	27500	28400	29300	30150	31000	31850	32650	33450	34200	35650	37500	39000	40150	41000	41550	41900	42100	42200	31650
Mean	30950	32250	33600	34950	36300	37650	39000	40300	41600	44050	47350	50100	52250	53800	54800	55400	55700	55800	44200
Raw (Unsmoothed) Statistics																			
Upper Decile	33800	35450	37750	40150	41900	43350	45850	49100	49700	54350	58450	59350	63300	67950	65800	70850	72600	74500	59400
Upper Quartile	32350	33400	35550	37150	39200	40350	42700	45200	46250	49400	52300	54150	56750	59350	58850	61950	64550	65900	50350
Median	31000	31650	33050	34850	36350	37850	39400	41100	42450	44200	46300	47600	49000	51950	52050	52850	55150	55400	42300
Lower Quartile	29650	29650	30800	32750	33300	35750	36150	37200	38350	39650	41300	41900	43200	46150	45600	47000	46000	48350	35800
Lower Decile	28100	26800	28750	30650	31100	33050	33000	34500	34150	35950	37150	38000	38950	41600	41200	41350	41150	43600	31650
Mean	30950	31350	33200	35150	36400	38150	39350	41400	42200	44850	47250	48400	50550	53250	53200	55100	56000	57850	44200
Supporting Data																			
Total Number	734	845	753	909	1106	935	767	825	743	2102	1360	1188	1095	756	714	596	555	1121	17107
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
Less Than $22000	14	30	11	3	3	2	1	2	2	0	0	1	0	0	0	0	0	0	67

1990 ENGINEERING SALARY STATISTICS: MEDIUM-SIZED COMPANIES, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	42500	44650	46850	49100	51350	53700	56000	60700	67500	73800	79200	83650	86950	89350	90850	92500	79050
Upper Quartile	0	0	39850	41600	43400	45200	47000	48850	50700	54350	59650	64550	68850	72450	75300	77500	79050	81050	67450
Median	0	0	36300	37800	39350	40850	42400	43950	45500	48600	53000	57000	60550	63550	65900	67700	69050	70750	55500
Lower Quartile	0	0	33250	34450	35700	36950	38150	39400	40600	43000	46450	49550	52300	54600	56450	57900	59000	60500	45750
Lower Decile	0	0	31300	32300	33300	34250	35250	36200	37150	39050	41700	44100	46200	48000	49500	50650	51550	52850	38950
Mean	0	0	37000	38500	40050	41600	43200	44750	46300	49450	53900	58050	61700	64750	67250	69150	70600	72450	57900
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	43400	44400	46450	49850	53100	52400	54650	60550	67200	73150	81100	85600	86950	86500	90350	91500	79050
Upper Quartile	0	0	40150	41850	43650	45850	46750	48350	50050	53850	59400	65300	70500	72150	75300	74950	80200	80200	67450
Median	0	0	37100	37650	39000	41750	42050	43950	45700	48100	52650	57550	61350	64200	66150	65000	69100	70350	55500
Lower Quartile	0	0	34000	34650	35300	36900	37550	39500	41300	42500	46900	50400	51800	54100	57800	55200	58800	60550	45750
Lower Decile	0	0	31350	32550	33150	34550	32950	36800	38650	38550	43550	44050	44850	46750	51450	49300	50700	53050	38950
Mean	0	0	37550	38950	39900	42050	42500	44300	46350	49100	54000	58450	62150	65050	67850	66750	70850	71850	57900
Supporting Data																			
Total Number	39	51	100	163	227	207	215	265	226	920	788	842	736	701	682	484	331	765	7751
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	2	2	3	3	2	3	9	25
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: MEDIUM-SIZED COMPANIES, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	66650	67150	69000	73250	78550	84100	89250	93550	96750	98800	100550	89400
Upper Quartile	0	0	0	0	0	0	0	60900	61950	64150	67700	71400	75150	78700	81900	84650	86850	89650	77350
Median	0	0	0	0	0	0	0	52950	54150	56450	59800	63000	66000	68750	71150	73250	75000	77750	67150
Lower Quartile	0	0	0	0	0	0	0	48850	49700	51350	53750	56050	58200	60150	61950	63500	64800	66900	57950
Lower Decile	0	0	0	0	0	0	0	41450	42550	44750	47800	50450	52700	54550	56000	57100	57850	58850	51600
Mean	0	0	0	0	0	0	0	55100	55850	57650	60750	64200	67700	71000	73900	76200	77900	79750	69300
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	63600	67400	71200	71500	76200	87250	94550	89900	91750	99850	99300	89400
Upper Quartile	0	0	0	0	0	0	0	55400	63000	66150	67250	69250	78500	79850	79500	81650	88500	88750	77350
Median	0	0	0	0	0	0	0	52600	55700	56500	59400	62200	68300	69550	69900	68900	79500	76050	67150
Lower Quartile	0	0	0	0	0	0	0	48250	53750	50800	53900	54900	60950	61050	61500	56600	69100	66250	57950
Lower Decile	0	0	0	0	0	0	0	45600	47900	42900	48650	49200	55300	54900	56650	51050	60750	58000	51600
Mean	0	0	0	0	0	0	0	53550	58050	58100	60650	62500	70400	72650	72050	71150	80850	79150	69300
Supporting Data																			
Total Number	2	2	0	3	2	8	7	21	13	170	220	332	312	308	325	179	121	285	2318
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	2	3	3	1	3	7	19
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: MEDIUM-SIZED COMPANIES, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	42900	44650	46400	48200	49950	51800	53600	57200	62450	67350	71750	75600	78750	81300	83200	85900	71750
Upper Quartile	0	0	40700	41950	43300	44700	46100	47550	49000	52050	56550	60900	64850	68150	70800	72700	73950	75050	61100
Median	0	0	36900	38150	39400	40650	41900	43150	44400	46900	50450	53750	56750	59300	61500	63300	64700	66750	50500
Lower Quartile	0	0	33800	34850	35850	36850	37850	38850	39850	41800	44550	47150	49500	51550	53300	54750	55900	57600	42800
Lower Decile	0	0	31950	32700	33450	34200	34950	35700	36450	37850	39950	41900	43700	45350	46750	47950	48950	50550	37300
Mean	0	0	37250	38550	39800	41100	42350	43650	44900	47450	51050	54450	57550	60250	62550	64400	65900	68100	53000
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	43400	43800	46200	49350	51300	51350	52850	56600	61950	69350	72100	73200	80850	81700	81150	84900	71750
Upper Quartile	0	0	40150	41650	43350	45650	46350	47350	49300	51700	56500	62000	63750	66700	71400	73100	72900	75250	61100
Median	0	0	37100	37450	38850	41600	41500	43400	45250	46800	50700	54450	55050	58950	62300	62800	63700	66750	50500
Lower Quartile	0	0	34000	34650	35250	36850	37250	39100	41000	41650	45750	47950	47800	48700	54750	54900	55500	57850	42800
Lower Decile	0	0	31350	32500	33100	34500	32800	36700	38550	38050	41200	42200	41200	42700	48600	48450	48600	50900	37300
Mean	0	0	37550	38400	39450	41750	41950	43550	45500	47000	51450	55850	56200	59000	63950	64250	64900	67600	53000
Supporting Data																			
Total Number	37	49	100	160	223	201	206	246	211	750	569	513	425	391	355	305	210	476	5433
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	3	6
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: MEDIUM-SIZED COMPANIES, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	50750	53350	55950	58500	63500	70550	76700	81850	85900	89000	91200	92650	94100	86500
Upper Quartile	0	0	0	0	0	48250	50350	52450	54500	58550	64300	69400	73750	77200	79800	81600	82800	83800	75900
Median	0	0	0	0	0	45600	47150	48750	50300	53400	57800	61900	65400	68350	70650	72350	73450	74500	65900
Lower Quartile	0	0	0	0	0	39650	41350	43000	44650	47900	52450	56350	59550	61900	63500	64500	65050	65300	56400
Lower Decile	0	0	0	0	0	35200	37000	38750	40550	44000	48800	52800	55750	57650	58600	58900	58700	57750	50250
Mean	0	0	0	0	0	44450	46350	48250	50150	53850	59150	63800	67600	70600	72700	74100	74900	75600	67450
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	53000	52700	56150	58200	62850	72250	75250	84250	82700	89200	95500	94600	94200	86500
Upper Quartile	0	0	0	0	0	51500	50300	51350	54600	58000	65350	69050	74200	75550	80650	84600	83450	83700	75900
Median	0	0	0	0	0	47000	47700	47500	51250	52850	58450	61700	64550	68900	70500	76000	72450	74750	65900
Lower Quartile	0	0	0	0	0	33000	40500	42550	46250	50150	53900	55450	55850	61950	63600	66750	65350	66800	56400
Lower Decile	0	0	0	0	0	31000	38800	35900	39900	45400	50650	52950	53100	57450	57550	60450	60150	59300	50250
Mean	0	0	0	0	0	43750	46300	47000	50300	54450	60550	63150	66300	69400	72550	77600	75600	76650	67450
Supporting Data																			
Total Number	5	2	0	3	3	10	37	39	29	128	146	159	159	213	258	144	115	203	1648
$125,000 or More	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	2	4
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

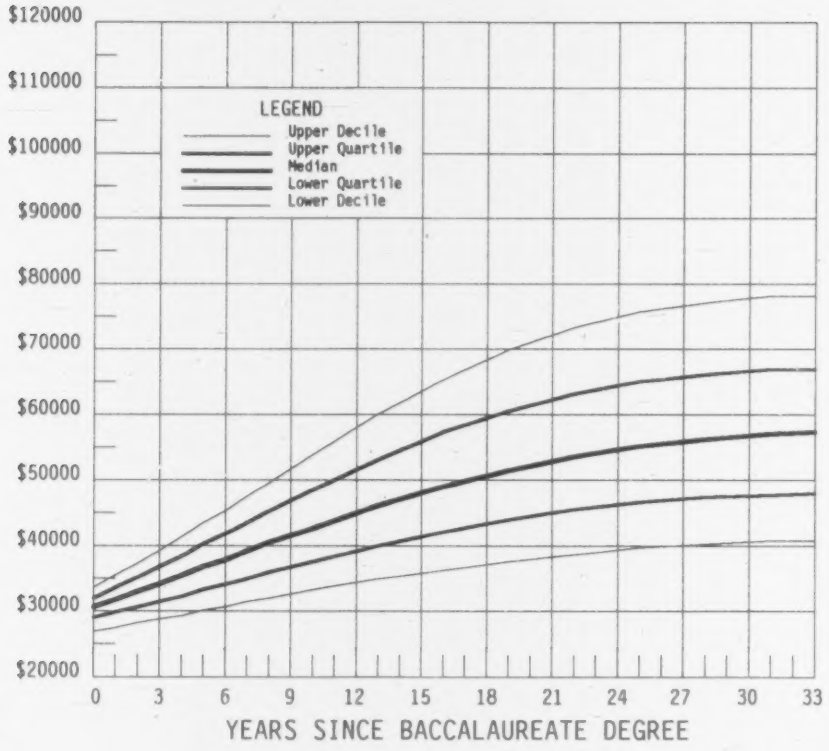
1990 ENGINEERING SALARY STATISTICS: MEDIUM-SIZED COMPANIES, SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	75550	79850	84000	87950	91650	94950	97800	100150	103700	95000
Upper Quartile	0	0	0	0	0	0	0	0	0	68550	71500	74750	78150	81500	84550	87200	89300	92050	85350
Median	0	0	0	0	0	0	0	0	0	60000	63300	66750	70300	73700	76800	79500	81600	84350	75250
Lower Quartile	0	0	0	0	0	0	0	0	0	57000	57800	58350	60900	64250	67750	71100	73850	77400	66350
Lower Decile	0	0	0	0	0	0	0	0	0	50800	50850	52750	55750	59200	62500	65350	67500	69700	57350
Mean	0	0	0	0	0	0	0	0	0	62300	64750	67900	71350	74850	78100	80900	83100	85750	76750
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	70800	83650	85500	89150	88000	94550	99500	106250	107200	95000
Upper Quartile	0	0	0	0	0	0	0	0	0	65500	76000	73650	78450	79250	84600	91900	91250	93850	85350
Median	0	0	0	0	0	0	0	0	0	59150	65350	66000	69200	73250	76800	84100	81650	85850	75250
Lower Quartile	0	0	0	0	0	0	0	0	0	57300	60000	57650	55750	66200	68800	77750	74000	75650	66350
Lower Decile	0	0	0	0	0	0	0	0	0	56150	46400	54350	53950	58600	65500	70800	66000	67200	57350
Mean	0	0	0	0	0	0	0	0	0	60750	67450	67450	70050	73400	78800	86200	84100	86450	76750
Supporting Data																			
Total Number	0	0	0	0	0	0	1	1	3	13	28	49	55	88	106	55	30	74	500
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: MEDIUM-SIZED COMPANIES, NON-SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	51400	53650	55900	58150	62550	68650	73850	78000	81000	82950	84000	84500	84450	79450
Upper Quartile	0	0	0	0	0	48400	50300	52150	54000	57600	62650	66950	70450	73100	74950	76150	76850	77400	71000
Median	0	0	0	0	0	45850	47300	48800	50200	53000	56900	60300	63200	65550	67300	68650	69550	70700	62300
Lower Quartile	0	0	0	0	0	39850	41500	43150	44800	47950	52300	55950	58800	60800	62050	62750	63000	62900	54150
Lower Decile	0	0	0	0	0	37150	38700	40200	41650	44500	48300	51450	53800	55350	56250	56700	56750	56350	48150
Mean	0	0	0	0	0	45000	46700	48400	50100	53400	57950	61850	65000	67400	69050	70100	70750	71200	63350
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	53000	52750	56250	58600	62150	70300	71600	79600	78300	83100	86000	89500	82750	79450
Upper Quartile	0	0	0	0	0	51500	50450	51500	54600	56600	63750	66250	71550	71450	75350	78500	76800	77200	71000
Median	0	0	0	0	0	47000	47800	47650	51250	52400	57700	60000	63650	65600	66350	69650	69750	71200	62300
Lower Quartile	0	0	0	0	0	33000	40700	42750	46750	50000	53800	54900	56100	61050	60550	63350	63650	64600	54150
Lower Decile	0	0	0	0	0	31000	39100	41200	40700	44950	50800	50850	50400	56150	54750	58400	58250	56850	48150
Mean	0	0	0	0	0	43750	46600	47350	50650	53850	59350	60900	64500	66350	68150	72450	71900	71400	63350
Supporting Data																			
Total Number	5	2	0	3	3	10	36	38	27	116	120	110	105	124	153	88	84	129	1152
$125,000 or More	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	2
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

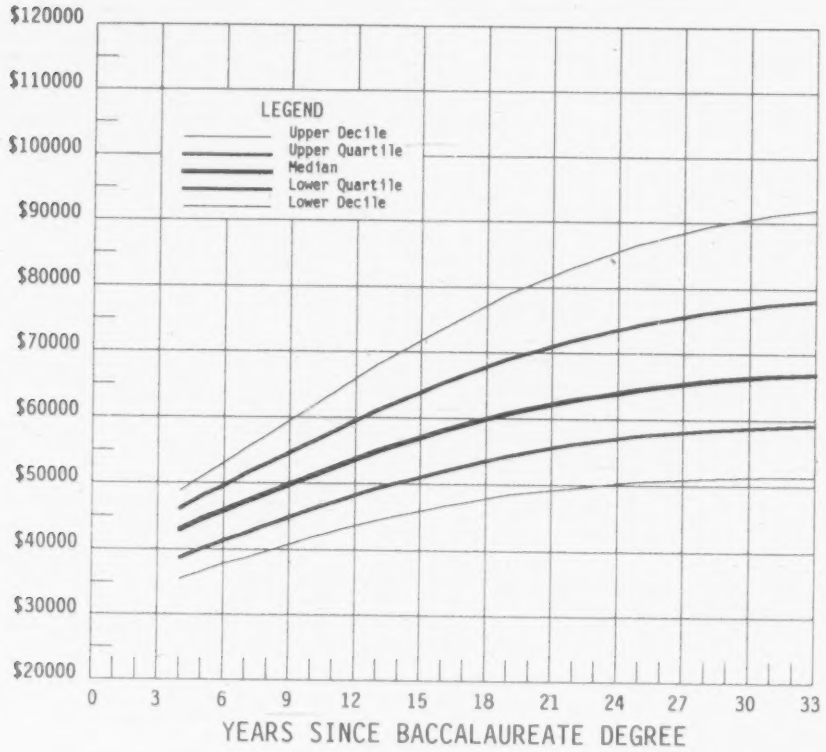
SALARY CURVES FOR ENGINEERS IN SMALL COMPANIES
ALL ENGINEERS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: SMALL COMPANIES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	totals
---------- Smooth Curve Data ----------																			
Upper Decile	33650	35450	37350	39300	41300	43350	45450	47550	49650	53850	59900	65300	69800	73250	75700	77200	78050	78600	64100
Upper Quartile	32000	33550	35150	36800	38500	40150	41850	43550	45250	48550	53200	57300	60650	63200	65000	66200	66850	67350	52850
Median	30550	31800	33000	34250	35500	36750	38000	39250	40450	42800	46150	49050	51550	53550	55100	56200	57000	57950	41650
Lower Quartile	29150	29950	30750	31600	32400	33300	34150	35000	35900	37600	40000	42200	44050	45550	46650	47350	47850	48200	34850
Lower Decile	26850	27500	28150	28800	29450	30100	30750	31400	32000	33200	34900	36400	37700	38800	39650	40250	40700	41150	30950
Mean	30350	31600	32900	34200	35550	36850	38200	39500	40850	43400	47000	50250	53000	55250	57000	58250	59100	60200	45400
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	33650	35500	37650	39050	40700	43400	46150	47500	49350	54800	59550	63800	70050	72750	77800	76850	75600	79500	64100
Upper Quartile	32150	33400	35350	36850	38150	39900	41800	43800	45300	49300	53100	56000	60900	64100	64650	66250	65450	67900	52850
Median	30550	31550	33050	34400	35750	36700	37700	39200	40400	43350	45600	48350	51650	53750	55350	57100	57000	57500	41650
Lower Quartile	28450	30050	30850	31600	32900	33450	33850	35300	36000	38000	38850	41100	44100	44750	47400	48150	49400	47900	34850
Lower Decile	25250	28000	28800	28300	30350	30700	30650	31400	31950	33700	33500	35450	36600	38900	41250	40900	42500	40400	30950
Mean	30150	31700	33150	34100	35700	36800	38000	39550	40680	43850	46450	49600	53250	55400	58100	59000	58700	59650	45400
---------- Supporting Data ----------																			
Total Number	417	582	655	900	918	825	751	634	563	1439	965	924	829	759	692	590	714	1193	14353
$125,000 or More	0	0	0	0	0	0	0	0	0	0	1	1	3	1	3	3	2	6	21
Less Than $22000	3	0	2	1	0	1	1	1	0	1	0	0	0	0	0	0	0	0	11

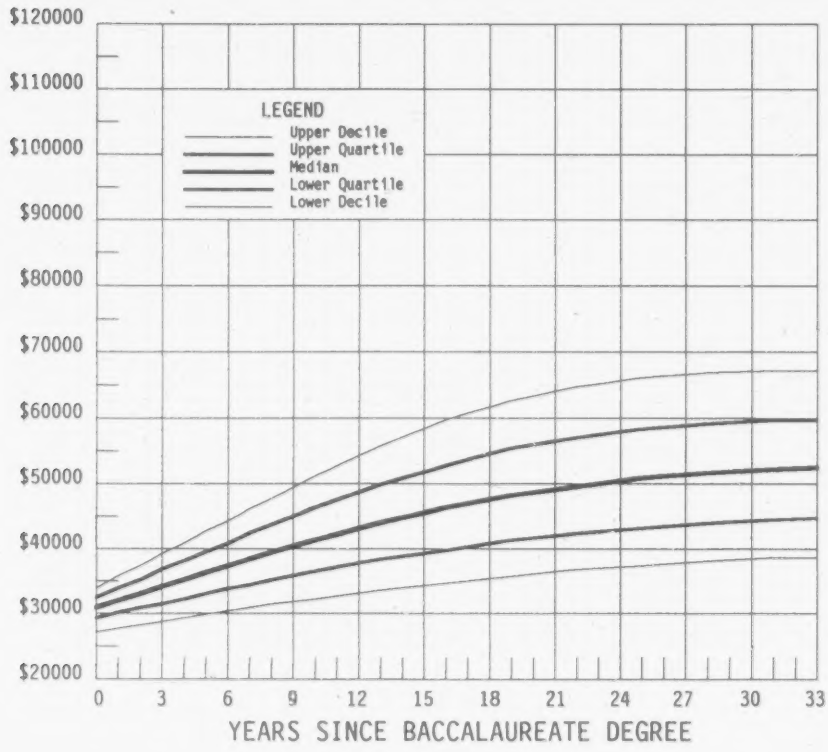
SALARY CURVES FOR ENGINEERS IN SMALL COMPANIES SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: SMALL COMPANIES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	48900	51000	53100	55250	57400	61650	67900	73700	78850	83200	86650	89350	91300	93800	83250
Upper Quartile	0	0	0	0	46250	47950	49650	51350	53050	56350	61050	65300	69000	72050	74500	76350	77700	79450	70750
Median	0	0	0	0	43050	44450	45850	47250	48600	51250	54900	58100	60800	62950	64650	65850	66700	67800	60650
Lower Quartile	0	0	0	0	38650	39950	41250	42500	43700	46100	49350	52100	54400	56200	57500	58400	59000	59650	52300
Lower Decile	0	0	0	0	35500	36650	37750	38800	39850	41850	44500	46700	48450	49700	50550	51100	51400	51600	46200
Mean	0	0	0	0	43050	44550	46100	47650	49150	52100	56300	60000	63200	65750	67800	69250	70300	71650	63450
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	51500	49900	51600	55400	55600	62000	67500	73200	81250	81700	87050	91900	86100	95200	83250
Upper Quartile	0	0	0	0	46600	46750	49250	51200	53300	56600	61350	63900	70200	72350	76200	74800	73750	81200	70750
Median	0	0	0	0	44500	40750	43900	46000	50150	52150	54900	57550	61650	65100	62750	63300	64550	70000	60650
Lower Quartile	0	0	0	0	31400	38100	41800	44500	46350	47900	49950	51450	55500	55850	54850	55450	57950	62650	52300
Lower Decile	0	0	0	0	30550	35100	39300	39600	44050	42750	44100	45050	50750	51150	47150	48550	52950	52600	46200
Mean	0	0	0	0	41750	43500	45400	47950	49500	52800	56400	59100	64700	66050	67050	67900	67550	73600	63450
Supporting Data																			
Total Number	0	11	4	5	25	21	33	36	41	235	222	240	290	283	281	230	249	388	2595
$125,000 or More	0	0	0	0	0	0	0	0	0	0	1	1	3	1	3	3	2	6	21
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SALARY CURVES FOR ENGINEERS IN SMALL COMPANIES
NON-SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: SMALL COMPANIES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33950	35650	37350	39100	40850	42600	44350	46100	47850	51200	55850	59750	62750	64900	66250	67000	67300	67200	55900
Upper Quartile	32450	33850	35250	36700	38100	39500	40900	42300	43650	46300	49850	52900	55350	57150	58400	59200	59650	60000	47100
Median	30950	32050	33100	34200	35250	36350	37400	38400	39400	41350	44000	46300	48200	49700	50850	51700	52250	53000	38950
Lower Quartile	29350	30100	30850	31600	32350	33100	33800	34500	35200	36500	38300	39850	41200	42350	43250	43950	44500	45250	33750
Lower Decile	27150	27700	28250	28800	29350	29850	30350	30900	31350	32300	33650	34800	35850	36750	37450	38100	38550	39300	30450
Mean	30700	31850	33000	34100	35250	36350	37450	38550	39600	41650	44400	46800	48750	50250	51350	52150	52650	53250	41400
Raw (Unsmoothed) Statistics																			
Upper Decile	33600	35200	37600	38950	40450	43100	45250	47000	47700	51950	54950	58750	60700	63150	65950	68750	67800	67750	55900
Upper Quartile	32100	33300	35300	36850	38000	39750	41300	43150	44450	46750	49400	51700	53050	55450	58600	61100	60350	60350	47100
Median	30550	31500	33000	34400	35700	36600	37450	38850	39800	41800	42950	45550	47250	48000	52250	52700	53150	52800	38950
Lower Quartile	28450	30000	30850	31550	32900	33350	33650	35050	35700	37000	37100	39150	39900	41250	44200	45100	46650	44550	33750
Lower Decile	25200	27950	28750	28250	30350	30600	30450	31250	31650	32900	31900	34100	33600	36950	38300	39100	41050	38550	30450
Mean	30150	31550	33100	34050	35500	36650	37650	39050	39950	42150	43500	46150	47050	49050	52050	53350	53850	53050	41400
Supporting Data																			
Total Number	416	572	650	894	892	803	717	598	522	1206	745	683	537	474	412	362	463	805	11755
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	3	0	2	1	0	1	1	1	0	1	0	0	0	0	0	0	0	0	11

1990 ENGINEERING SALARY STATISTICS: SMALL COMPANIES, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33400	35150	36950	38800	40700	42650	44600	46550	48500	52350	57750	62500	66350	69200	71150	72300	72850	73050	59550
Upper Quartile	32000	33450	34950	36450	38000	39500	41050	42600	44100	47000	51100	54650	57600	59800	61400	62400	63050	63600	49100
Median	30600	31700	32850	33950	35100	36200	37300	38400	39500	41600	44500	47100	49300	51100	52500	53550	54300	55250	39150
Lower Quartile	29200	29900	30600	31350	32050	32800	33550	34300	35050	36500	38550	40450	42050	43300	44300	45000	45450	45850	33550
Lower Decile	27050	27550	28100	28600	29150	29650	30200	30700	31200	32200	33650	34950	36100	37100	37900	38550	39000	39500	30350
Mean	30300	31500	32700	33900	35100	36300	37500	38650	39850	42100	45300	48150	50550	52500	54000	55100	55900	56900	42600
Raw (Unsmoothed) Statistics																			
Upper Decile	33450	34950	37200	38500	40500	42400	45500	46750	48250	53600	56700	61200	66000	69000	71850	70750	72250	73600	59550
Upper Quartile	32000	33200	34950	36650	37900	39200	40850	43200	44550	47800	51150	52700	57350	59700	60750	62300	63100	63800	49100
Median	30500	31450	32800	34150	35450	36050	37100	38450	39500	42000	43600	46600	49750	51150	53500	52600	55050	54600	39150
Lower Quartile	28400	30050	30700	31400	32650	33000	33300	34500	35300	36950	37450	39200	40450	42300	45000	46550	47650	45650	33550
Lower Decile	25100	28200	28600	28300	30200	30350	30050	30800	31200	32800	31900	33850	33650	37650	39350	39900	40850	39000	30350
Mean	30000	31550	32800	33800	35400	36100	37350	38700	39850	42800	44600	47500	50000	52150	54650	55950	56250	56300	42600
Supporting Data																			
Total Number	405	527	577	789	801	677	611	499	449	1096	691	574	515	446	414	340	478	828	10723
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	2	6
Less Than $22000	3	0	2	1	0	1	1	1	0	1	0	0	0	0	0	0	0	0	11

1990 ENGINEERING SALARY STATISTICS: SMALL COMPANIES, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	48400	50350	52300	54300	56300	60200	65900	71100	75700	79500	82550	84900	86550	88700	77700
Upper Quartile	0	0	0	0	46200	47750	49350	50900	52400	55350	59450	63050	66050	68450	70300	71600	72500	73600	67100
Median	0	0	0	0	45100	46100	47100	48050	49050	50900	53550	56000	58200	60100	61750	63100	64200	65900	57600
Lower Quartile	0	0	0	0	38200	39500	40750	41950	43150	45450	48500	51000	53000	54400	55300	55900	56200	56350	51000
Lower Decile	0	0	0	0	35750	36750	37700	38650	39600	41300	43600	45550	47100	48300	49150	49750	50150	50550	44950
Mean	0	0	0	0	43300	44700	46050	47400	48700	51250	54800	57950	60600	62800	64450	65750	66650	67800	60350
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	51500	45900	52100	51700	55850	60200	66400	72400	76550	75400	82150	95000	81400	87800	77700
Upper Quartile	0	0	0	0	46600	44250	49700	46900	53750	55850	60000	63350	67800	69300	67000	69450	70500	75400	67100
Median	0	0	0	0	44500	39100	47950	45750	50550	52150	54000	55100	59600	61700	58150	61400	63250	67250	57600
Lower Quartile	0	0	0	0	31400	36750	42100	44600	46250	47600	49150	50250	53450	54850	52200	50750	56750	58850	51000
Lower Decile	0	0	0	0	30550	35100	37800	43100	44150	42250	43950	41450	49550	51700	45750	47550	49700	51650	44950
Mean	0	0	0	0	41750	39850	46400	46050	49900	52600	55100	57550	61450	63600	61650	64700	64600	69400	60350
Supporting Data																			
Total Number	0	10	4	1	25	11	19	27	33	178	148	126	170	155	184	140	175	235	1645
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	2	6
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: SMALL COMPANIES, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33750	35350	36950	38550	40150	41800	43400	45000	46550	49500	53500	56800	59250	60900	61900	62400	62500	62250	52400
Upper Quartile	32400	33700	35000	36350	37650	38950	40250	41500	42750	45100	48250	50950	53050	54600	55650	56300	56700	56950	44350
Median	30950	31950	32900	33900	34850	35800	36750	37650	38550	40200	42500	44500	46100	47400	48400	49100	49600	50250	37350
Lower Quartile	29400	30050	30700	31350	32000	32650	33250	33850	34400	35550	37050	38400	39550	40550	41350	42000	42450	43200	32800
Lower Decile	27200	27650	28150	28600	29050	29500	29950	30400	30800	31600	32750	33750	34650	35400	36050	36600	37050	37700	29950
Mean	30650	31700	32750	33750	34800	35800	36750	37750	38700	40450	42900	44950	46600	47900	48850	49500	49950	50450	39350
Raw (Unsmoothed) Statistics																			
Upper Decile	33450	34600	37100	38450	40200	42300	44200	46400	46600	49950	52650	55850	55450	59050	62400	62750	63250	63650	52400
Upper Quartile	32000	33100	34950	36650	37800	39100	40500	42450	43550	45550	47250	50100	51100	51950	55500	56800	56850	58500	44350
Median	30500	31400	32750	34150	35400	36000	36950	38100	38950	40450	41250	44900	44400	45000	48950	48850	51400	50800	37350
Lower Quartile	28400	30000	30700	31400	32700	32950	33200	34200	34950	35950	35800	37700	37950	39600	41650	42550	45300	42950	32800
Lower Decile	25100	28150	28600	28300	30150	30300	29900	30650	30950	32100	31200	32800	32050	35900	36800	38100	38800	37600	29950
Mean	30000	31350	32750	33800	35200	36050	37050	38300	39100	40850	41800	44650	44400	46100	49050	49800	51400	51100	39350
Supporting Data																			
Total Number	405	516	573	788	776	667	590	473	416	918	544	449	347	289	231	199	302	593	9076
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	3	0	2	1	0	1	1	1	0	1	0	0	0	0	0	0	0	0	11

1990 ENGINEERING SALARY STATISTICS: SMALL COMPANIES, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	40050	41900	43800	45700	47650	49600	51600	55550	61300	66600	71300	75250	78350	80650	82300	84350	71250
Upper Quartile	0	0	37150	38800	40450	42100	43800	45500	47200	50550	55350	59700	63500	66550	68950	70750	71950	73450	60150
Median	0	0	35300	36600	37850	39100	40350	41650	42900	45350	48800	52000	54800	57200	59100	60650	61800	63400	49000
Lower Quartile	0	0	33450	34350	35200	36050	36900	37750	38600	40250	42650	44950	47000	48900	50550	51950	53050	54850	40450
Lower Decile	0	0	30750	31500	32250	33000	33750	34450	35150	36550	38500	40250	41800	43150	44300	45250	46000	47100	35550
Mean	0	0	35450	36750	38050	39350	40700	42000	43300	45900	49600	53050	56150	58800	61000	62750	64100	66050	51850
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	40100	42300	41900	46400	47650	49400	50200	57600	62500	63900	73450	74650	78650	78100	79400	84450	71250
Upper Quartile	0	0	37600	38300	39600	42350	43300	45600	47150	51800	56600	58600	63150	66650	68800	69400	67950	74200	60150
Median	0	0	35250	36050	37150	39300	40800	40800	43400	46750	49850	50850	54800	56500	57600	60550	60350	63300	49000
Lower Quartile	0	0	32850	33900	34700	36700	36850	38000	38500	41650	43000	43100	47550	47950	51200	52200	52650	53600	40450
Lower Decile	0	0	30400	30000	32650	33300	34300	35050	35850	37600	37400	38900	43650	41800	45300	44400	45950	46100	35550
Mean	0	0	35250	36500	37250	39850	40600	42150	43150	47050	50500	51550	56900	58000	61050	61750	62050	65950	51850
Supporting Data																			
Total Number	9	53	76	110	113	142	132	124	105	284	231	296	240	247	210	203	189	301	3075
$125,000 or More	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	2	1	3	11
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: SMALL COMPANIES, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	57150	58050	59100	60350	63200	68300	74200	80450	86700	92400	97200	100850	104900	86600
Upper Quartile	0	0	0	0	0	47500	49250	51050	52800	56350	61550	66450	70950	74850	78200	80850	82950	85950	74250
Median	0	0	0	0	0	44950	46350	47750	49200	52000	56050	59850	63300	66300	68900	71000	72700	75200	63850
Lower Quartile	0	0	0	0	0	41800	43000	44150	45300	47600	50950	54050	56900	59400	61600	63400	64850	67050	56000
Lower Decile	0	0	0	0	0	40850	41000	41300	41750	42850	45000	47600	50350	53050	55450	57450	58900	60550	48100
Mean	0	0	0	0	0	45700	46950	48250	49600	52500	57100	61700	66000	69800	72850	75150	76600	77950	67100
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	66000	49100	0	0	63100	74400	71300	83050	83250	94500	91500	91650	109500	86600
Upper Quartile	0	0	0	0	0	49500	43600	0	0	59500	63150	63350	73600	73800	81250	78750	80000	83950	74250
Median	0	0	0	0	0	47000	42650	0	0	52100	58300	58850	63400	67000	70350	68850	68000	74350	63850
Lower Quartile	0	0	0	0	0	40250	41700	0	0	47850	53750	52900	57450	58500	64500	60800	61000	66450	56000
Lower Decile	0	0	0	0	0	38000	41100	0	0	43700	47200	46100	53250	48700	57100	55500	56550	61550	48100
Mean	0	0	0	0	0	47450	43400	0	0	53400	59800	59650	67450	67200	74950	72350	72300	79100	67100
Supporting Data																			
Total Number	0	1	0	4	0	10	13	7	7	48	62	102	87	94	61	65	60	123	749
$125,000 or More	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	2	1	3	11
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: SMALL COMPANIES, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	40350	41950	43550	45150	46700	48300	49850	52900	57200	61050	64250	66850	68850	70300	71350	72550	62200
Upper Quartile	0	0	37600	38950	40350	41700	43050	44400	45700	48300	51900	55050	57750	59950	61650	62900	63800	64900	53750
Median	0	0	35800	36800	37800	38800	39800	40750	41700	43600	46200	48600	50700	52500	54000	55200	56150	57500	45150
Lower Quartile	0	0	33550	34300	35100	35850	36600	37350	38050	39500	41450	43300	44900	46300	47500	48450	49250	50450	38550
Lower Decile	0	0	30800	31450	32100	32750	33350	33950	34550	35700	37300	38700	39950	41050	41900	42650	43200	44050	34650
Mean	0	0	35750	36850	37900	38950	40000	41050	42100	44100	46850	49350	51550	53350	54850	56050	56950	58200	46900
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	40100	42050	41900	45300	47500	48600	49800	55000	57400	59250	62650	65850	69600	70900	69600	71950	62200
Upper Quartile	0	0	37600	38100	39600	41800	43200	45200	46650	49950	52300	52700	56400	59450	60600	65200	63800	63400	53750
Median	0	0	35250	36050	37150	39100	40150	40750	43000	45500	46900	45650	49050	52250	54150	56250	57150	55850	45150
Lower Quartile	0	0	32850	33750	34700	36600	36400	37750	38300	41050	41500	41400	45300	43900	48500	48850	50000	49150	38550
Lower Decile	0	0	30400	29200	32650	33250	34100	34950	35950	36950	36550	36450	40500	39600	44100	40500	44250	43500	34650
Mean	0	0	35250	36250	37250	39300	40250	41500	42900	45750	46850	47350	50600	52350	55150	56800	57250	56900	46900
Supporting Data																			
Total Number	9	52	76	106	113	133	119	117	98	238	168	194	150	153	146	138	128	181	2325
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: SMALL COMPANIES, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	49800	52400	55000	50300	68050	75100	80950	85350	88300	90050	90850	90950	85100
Upper Quartile	0	0	0	0	0	0	48900	50250	51700	55000	60450	65950	70900	74950	77850	79700	80700	81400	72300
Median	0	0	0	0	0	0	42350	44250	46150	49900	55200	59750	63350	66000	67700	68600	69000	68850	61150
Lower Quartile	0	0	0	0	0	0	38600	40100	41600	44450	48450	51950	54800	56900	58400	59350	59900	60350	51400
Lower Decile	0	0	0	0	0	0	34600	35850	37100	39500	42900	45800	48200	50000	51300	52150	52700	53150	43950
Mean	0	0	0	0	0	0	42250	44250	46250	50200	55800	60800	64850	67850	69900	71050	71600	71700	63400
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	53000	55400	54200	58600	66550	74150	84500	84500	90500	89350	89400	94900	85100
Upper Quartile	0	0	0	0	0	0	48500	51500	52000	54250	61150	67800	69000	74700	79200	80000	80850	84750	72300
Median	0	0	0	0	0	0	44000	45500	48500	48500	54050	60600	62100	67600	69800	69700	66650	71750	61150
Lower Quartile	0	0	0	0	0	0	39500	41000	42000	43350	48700	53750	53750	57250	59350	59350	57000	64900	51400
Lower Decile	0	0	0	0	0	0	32000	38300	38600	38800	44650	48000	43600	53150	52400	52100	50450	56900	43950
Mean	0	0	0	0	0	0	43000	46850	46900	48800	55550	61300	64550	68500	71850	70150	70150	75400	63400
Supporting Data																			
Total Number	2	2	2	1	3	4	10	12	12	61	41	53	72	65	68	44	46	61	556
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	1	4
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: SMALL COMPANIES, SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	74000	83200	91450	98300	103550	107150	109450	111500	94800
Upper Quartile	0	0	0	0	0	0	0	0	0	0	64700	70900	76650	81800	86200	89800	92550	96600	83500
Median	0	0	0	0	0	0	0	0	0	0	56550	62100	67400	72250	76550	80150	83050	87450	72800
Lower Quartile	0	0	0	0	0	0	0	0	0	0	53000	57500	61550	65100	68100	70550	72400	75000	61850
Lower Decile	0	0	0	0	0	0	0	0	0	0	47650	51300	54700	57800	60550	62850	64700	67600	54450
Mean	0	0	0	0	0	0	0	0	0	0	59200	65700	71550	76600	80650	83650	85800	88450	74950
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	64000	93500	106650	89150	103350	93000	117500	110000	94800
Upper Quartile	0	0	0	0	0	0	0	0	0	0	61000	75500	78650	80400	86650	86250	89600	92500	83500
Median	0	0	0	0	0	0	0	0	0	0	54500	69000	64000	73750	78500	77000	82500	82000	72800
Lower Quartile	0	0	0	0	0	0	0	0	0	0	50750	60350	61100	66350	71350	63500	66500	73350	61850
Lower Decile	0	0	0	0	0	0	0	0	0	0	47000	53450	53300	58000	63200	60200	62600	63600	54450
Mean	0	0	0	0	0	0	0	0	0	0	55400	70700	73300	75700	81950	76650	85000	85250	74950
Supporting Data																			
Total Number	0	0	0	0	0	0	0	1	2	9	10	13	32	35	36	22	13	28	203
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	1	4
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: SMALL COMPANIES, NON-SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	54250	55850	59050	63600	67850	71600	74850	77600	79800	81500	83950	71800
Upper Quartile	0	0	0	0	0	0	0	50050	51650	54800	59050	62700	65600	67750	69250	70200	70750	71200	64750
Median	0	0	0	0	0	0	0	44550	45900	48600	52350	55550	58250	60300	61850	62900	63600	64350	54950
Lower Quartile	0	0	0	0	0	0	0	40350	41450	43550	46450	48950	51000	52650	53900	54800	55400	56150	47800
Lower Decile	0	0	0	0	0	0	0	36650	37700	39650	42200	44300	45850	46950	47650	48000	48200	48150	41950
Mean	0	0	0	0	0	0	0	45400	46750	49300	52850	55950	58500	60550	62100	63150	63900	64800	56650
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	55400	52900	58150	67600	70650	69450	72400	71850	84500	84250	87000	71800
Upper Quartile	0	0	0	0	0	0	0	51500	51250	53750	60250	64800	64850	65500	66250	74000	73500	72000	64750
Median	0	0	0	0	0	0	0	45500	47750	47200	52700	58000	57650	60300	59500	64000	63500	67100	54950
Lower Quartile	0	0	0	0	0	0	0	41000	41750	42600	46950	53000	47750	53550	52900	56400	53250	60000	47800
Lower Decile	0	0	0	0	0	0	0	38300	38300	38200	44050	47000	41950	46700	50550	47600	48950	48800	41950
Mean	0	0	0	0	0	0	0	46850	46200	48100	54750	58150	56850	59800	60300	64650	64300	67300	56650
Supporting Data																			
Total Number	2	2	2	0	2	4	9	12	11	53	31	40	39	29	31	22	33	32	353
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ALL INDUSTRY CURVES AND TABLES, BY GEOGRAPHIC REGION

REGIONAL CLASSIFICATION:

New England:
- Connecticut
- Maine
- Massachusetts
- New Hampshire
- Rhode Island
- Vermont

Middle Atlantic:
- New Jersey
- New York
- Pennsylvania

East North Central:
- Illinois
- Indiana
- Michigan
- Ohio
- Wisconsin

West North Central:
- Iowa
- Kansas
- Minnesota
- Missouri
- Nebraska
- North Dakota
- South Dakota

South Atlantic:
- Delaware
- District of Columbia
- Florida
- Georgia
- Maryland
- North Carolina
- South Carolina
- Virginia
- West Virginia

East South Central:
- Alabama
- Kentucky
- Mississippi
- Tennessee

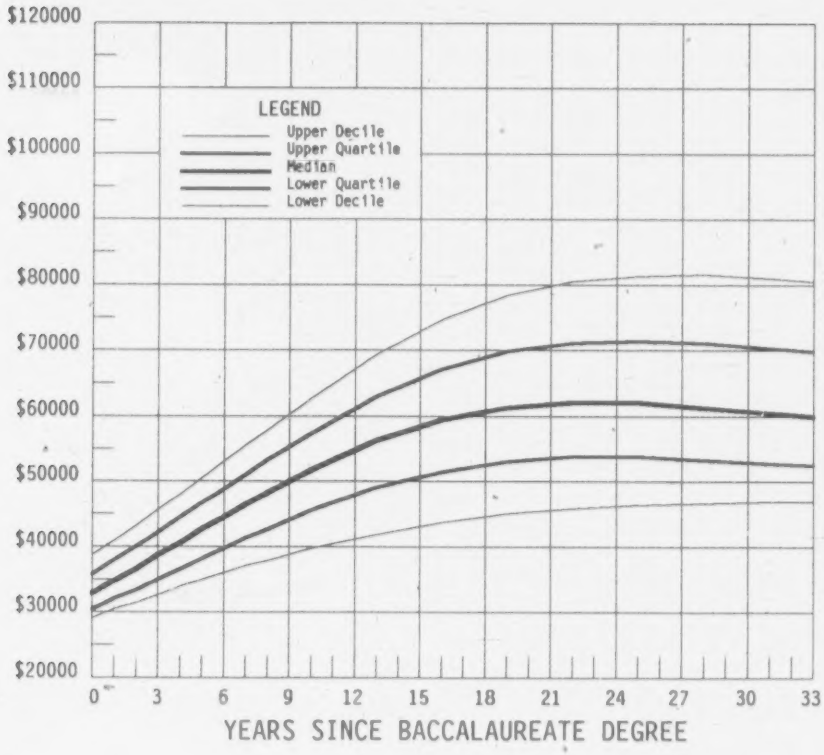
West South Central:
- Arkansas
- Louisiana
- Oklahoma
- Texas

Mountain:
- Arizona
- Colorado
- Idaho
- Montana
- Nevada
- New Mexico
- Utah
- Wyoming

Pacific:
- Alaska
- California
- Hawaii
- Oregon
- Washington

Note: some participating employers are multi-regional, i.e., classed in none of the above categories.

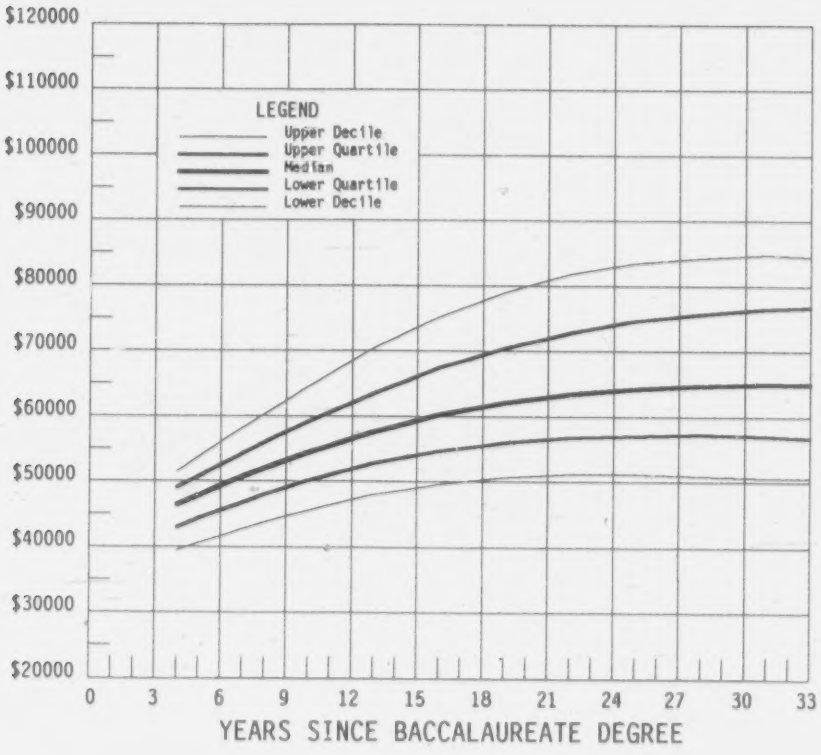
SALARY CURVES FOR ENGINEERS IN NEW ENGLAND
ALL ENGINEERS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: NEW ENGLAND

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	38600	40850	43200	45550	48000	50500	53000	55500	57950	62750	69300	74550	78300	80500	81450	81500	81000	79300	70550
Upper Quartile	35750	37850	40000	42150	44400	46600	48850	51050	53250	57450	62900	67150	69900	71250	71600	71150	70400	68400	60600
Median	32850	34750	36650	38600	40550	42550	44500	46400	48300	51800	56250	59500	61450	62200	62050	61400	60500	58500	51750
Lower Quartile	30350	31900	33450	35050	36650	38250	39800	41300	42800	45550	49000	51550	53100	53800	53850	53450	52900	51550	42150
Lower Decile	29100	30300	31500	32650	33800	34900	35950	37000	37950	39700	41950	43700	44950	45800	46350	46650	46850	46950	34950
Mean	33550	35350	37150	39000	40900	42750	44600	46450	48250	51600	56000	59350	61550	62700	63050	62800	62250	60800	52500
Raw (Unsmoothed) Statistics																			
Upper Decile	37950	38850	42700	45850	48950	51950	53600	57300	59500	63950	68150	72250	75600	78750	79950	81000	82200	84250	70550
Upper Quartile	33800	35400	39500	43100	45950	48600	50100	53650	55050	58550	61250	63700	66150	70250	71650	71550	72000	72500	60600
Median	31950	33450	35300	39100	41450	44200	45200	48900	49050	52750	55250	57500	58550	61050	61750	61950	62050	61000	51750
Lower Quartile	30750	31950	32900	34950	36550	38050	39500	41850	42650	46450	49100	50900	51550	53500	54600	54000	53150	51750	42150
Lower Decile	29950	30500	31400	32300	33150	34900	35400	37100	38000	39900	42450	44050	45600	45800	48250	47250	45400	43800	34950
Mean	33300	34100	36450	39300	41400	43700	44900	47950	48950	52500	55450	57800	59400	61900	63100	63000	63050	62850	52500
Supporting Data																			
Total Number	335	659	721	824	836	826	735	853	858	2543	1769	1607	1438	1156	1010	750	653	971	18543
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Less Than $22000	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

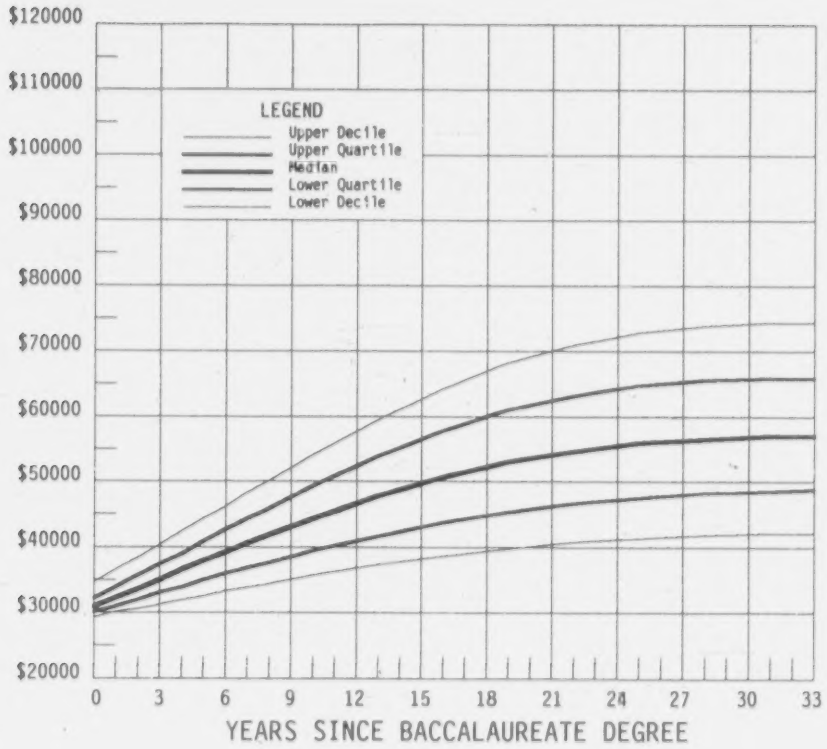
SALARY CURVES FOR ENGINEERS IN NEW ENGLAND SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: NEW ENGLAND, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	51450	53700	55900	58100	60300	64550	70350	75250	79050	81750	83450	84350	84700	84550	73850
Upper Quartile	0	0	0	0	49050	50800	52500	54200	55900	59150	63600	67400	70500	72900	74650	75850	76550	77300	63350
Median	0	0	0	0	46400	47850	49250	50600	51950	54400	57650	60250	62200	63550	64400	64850	65050	65050	55500
Lower Quartile	0	0	0	0	42950	44250	45500	46750	47900	50050	52700	54700	56050	56800	57150	57200	57050	56500	48100
Lower Decile	0	0	0	0	39350	40550	41700	42800	43850	45700	48000	49650	50650	51150	51200	51050	50750	50000	41800
Mean	0	0	0	0	46000	47550	49100	50600	52050	54800	58450	61400	63650	65250	66250	66800	67050	67050	56700
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	49850	53800	55250	58750	61450	65950	70000	74600	77600	80600	82500	83700	85700	89350	73850
Upper Quartile	0	0	0	0	47650	50200	51900	55100	57550	60450	63200	66250	69050	72700	74550	75200	77400	81000	63350
Median	0	0	0	0	44900	47700	48500	51850	53100	55400	57500	59500	60700	63750	63800	64300	66150	67900	55500
Lower Quartile	0	0	0	0	41800	44350	44750	47900	48550	50750	52450	54100	54850	57350	56800	57200	58300	57800	48100
Lower Decile	0	0	0	0	38200	41100	41250	44200	43900	45950	47750	49600	49700	51850	51050	50400	52150	50800	41800
Mean	0	0	0	0	44650	47550	48400	51500	53000	55750	58250	60750	62200	65400	65650	66150	68250	69800	56700
Supporting Data																			
Total Number	86	262	297	442	494	487	450	581	520	1752	1277	1114	1012	784	648	445	373	448	11465
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SALARY CURVES FOR ENGINEERS IN NEW ENGLAND
NON-SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: NEW ENGLAND, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	34750	36550	38450	40350	42300	44250	46250	48250	50250	54100	59600	64350	68150	70900	72750	73850	74350	74450	63250
Upper Quartile	32400	34000	35650	37350	39050	40800	42550	44250	46000	49300	53950	57900	61000	63250	64750	65550	65950	65950	53400
Median	31000	32350	33700	35050	36400	37800	39150	40500	41800	44350	47800	50700	53050	54750	55900	56650	57000	57250	42900
Lower Quartile	30050	31050	32050	33000	34000	34950	35900	36800	37700	39400	41700	43700	45300	46550	47500	48150	48600	49150	35750
Lower Decile	29350	30000	30650	31300	31950	32600	33250	33850	34450	35650	37250	38650	39800	40750	41400	41900	42200	42450	32150
Mean	31500	32800	34150	35500	36900	38250	39600	40900	42200	44750	48200	51100	53500	55300	56550	57350	57850	58300	45650
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	36350	36200	37700	39600	41150	45300	46950	47650	50900	55500	59100	64400	66050	70150	73650	74100	72900	73950	63250
Upper Quartile	33350	33800	35200	37100	38900	40500	42350	43350	46550	50700	53550	58150	59350	62100	66250	66150	64850	65000	53400
Median	31450	32500	33350	34900	36250	37650	38850	39650	42200	45000	47950	50800	51650	54000	58100	58400	55250	55900	42900
Lower Quartile	30500	31050	32150	32650	33550	35250	35500	36700	38350	39400	41300	43300	45900	45300	50950	49400	46800	47500	35750
Lower Decile	29550	30100	30750	30800	32050	32450	32700	33500	35050	36000	37400	37900	40200	39650	44300	43400	39400	41300	32150
Mean	32500	32700	33850	35100	36550	38250	39350	40250	42700	45400	48200	51050	52700	54450	58550	58550	56300	56950	45650
---------- Supporting Data ----------																			
Total Number	250	398	424	382	341	339	285	273	337	791	493	491	427	369	358	306	277	523	7074
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

1990 ENGINEERING SALARY STATISTICS: NEW ENGLAND, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	36600	38550	40550	42600	44700	46850	49000	51150	53300	57500	63400	68500	72550	75500	77400	78450	78950	78850	64800
Upper Quartile	33850	35550	37350	39150	41000	42850	44700	46500	48350	51850	56600	60550	63500	65450	66600	67100	67150	66650	54750
Median	31700	33150	34600	36100	37550	39050	40500	41950	43350	46050	49700	52700	55000	56600	57600	58150	58350	58200	44400
Lower Quartile	30600	31650	32700	33750	34800	35800	36800	37800	38750	40600	43150	45300	47050	48400	49400	50050	50450	50750	36550
Lower Decile	29550	30300	31050	31800	32550	33250	34000	34700	35350	36650	38400	39900	41050	42000	42650	43100	43350	43550	32550
Mean	32450	33900	35350	36800	38250	39700	41150	42600	44000	46700	50350	53450	55850	57600	58800	59500	59850	60000	47000
Raw (Unsmoothed) Statistics																			
Upper Decile	35400	37600	41850	43350	44600	47650	49600	52000	53200	57950	61200	68350	72750	74300	75500	75600	78600	81700	64800
Upper Quartile	33350	35150	37600	39600	40500	43700	44750	47950	48300	52450	55400	59750	62300	65800	66600	65750	66300	67900	54750
Median	31750	33300	34400	36250	37300	39100	40100	41500	43650	46700	49150	52350	54600	57300	58400	57750	57450	57950	44400
Lower Quartile	30650	31850	32600	33650	34250	36350	36650	37600	39000	40650	42450	45200	48050	49450	51250	49500	49750	48850	36550
Lower Decile	29750	30450	31200	31400	32100	33000	33350	34350	36250	37200	38200	39000	42100	41250	45850	43450	42200	41950	32550
Mean	32300	33750	35550	37000	37950	40000	41100	42600	44000	47050	49450	53250	56000	57900	59700	58600	59100	59850	47000
Supporting Data																			
Total Number	307	616	593	516	450	433	345	333	405	1025	588	614	566	476	411	336	352	605	8976
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Less Than $22000	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

1990 ENGINEERING SALARY STATISTICS: NEW ENGLAND, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	49200	51150	53100	55100	57100	61000	66600	71700	76150	79800	82650	84800	86300	88200	71300
Upper Quartile	0	0	0	0	45550	47200	48850	50500	52100	55300	59750	63800	67200	70000	72150	73800	74900	76350	59650
Median	0	0	0	0	42200	43550	44950	46250	47550	50050	53400	56250	58550	60250	61450	62250	62750	63250	50450
Lower Quartile	0	0	0	0	38650	39850	41000	42150	43250	45300	48050	50200	51850	53000	53750	54200	54350	54400	41600
Lower Decile	0	0	0	0	35450	36500	37500	38500	39500	41300	43650	45550	46950	47950	48600	48950	49150	49150	35700
Mean	0	0	0	0	42300	43750	45200	46600	48000	50700	54400	57650	60250	62300	63850	64900	65600	66350	52250
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	48850	51750	54450	54100	56950	60650	64950	73800	77400	80200	81100	83000	84550	88850	71300
Upper Quartile	0	0	0	0	44450	47250	49250	51650	52550	55650	59100	64650	67000	70300	70200	72400	71550	79400	59650
Median	0	0	0	0	40900	43800	44900	48450	47800	50500	53300	55550	57700	62000	59900	61600	61700	64200	50450
Lower Quartile	0	0	0	0	37700	40250	40850	44150	42900	45350	48000	50300	51000	54950	52400	52550	53900	55050	41600
Lower Decile	0	0	0	0	35250	37350	38100	39000	38400	40650	43100	46000	47100	50300	48450	46500	49600	48450	35700
Mean	0	0	0	0	41350	44250	45600	47600	47950	50800	53900	58000	59950	63550	62600	63200	64750	67150	52250
Supporting Data																			
Total Number	73	233	197	170	153	138	116	116	109	388	229	259	271	227	189	128	151	214	3363
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: NEW ENGLAND, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34200	36000	37850	39700	41650	43550	45500	47500	49450	53250	58600	63200	66850	69550	71250	72250	72700	72700	60450
Upper Quartile	32150	33750	35350	37000	38650	40350	42050	43700	45350	48600	53050	56850	59850	62000	63450	64250	64650	64650	50850
Median	31050	32300	33600	34850	36150	37450	38700	39950	41150	43550	46750	49550	51800	53500	54700	55550	56050	56550	40600
Lower Quartile	30200	31100	32000	32900	33800	34700	35550	36400	37200	38800	40900	42800	44350	45600	46550	47300	47800	48500	34600
Lower Decile	29400	30000	30600	31200	31800	32350	32950	33550	34100	35200	36750	38100	39300	40200	40950	41450	41800	42150	31700
Mean	31300	32600	33900	35200	36500	37800	39100	40350	41600	44000	47300	50150	52400	54150	55400	56250	56750	57250	43900
Raw (Unsmoothed) Statistics																			
Upper Decile	35250	36150	37200	38650	40550	44900	45100	47350	49950	54850	57700	63500	65800	68250	72650	70200	70250	71900	60450
Upper Quartile	32750	33800	34900	36750	38350	40250	41200	42800	46500	50300	51850	57550	59050	59750	64200	63350	63200	63750	50850
Median	31300	32450	33250	34750	36000	37600	38450	39300	42050	43950	46200	49300	51900	52100	57650	55850	54200	54750	40600
Lower Quartile	30450	31000	32100	32600	33350	35050	35100	36550	38400	39100	40200	41850	44850	43900	50100	48400	45950	46750	34600
Lower Decile	29400	30100	30750	30700	31900	32200	32550	33050	35100	35500	37050	36800	39350	38850	44750	42400	39050	41050	31700
Mean	31800	32650	33650	34750	36100	38050	38650	39800	42600	44750	46650	49950	52300	53000	57750	56250	54700	55750	43900
Supporting Data																			
Total Number	233	385	394	346	296	297	224	215	294	634	359	360	293	253	220	210	202	386	5615
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

1990 ENGINEERING SALARY STATISTICS: NEW ENGLAND, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	45400	47750	50100	52500	54900	57250	59600	64100	70100	74950	78400	80450	81400	81550	81150	79800	70450
Upper Quartile	0	0	44350	46200	48050	49900	51700	53500	55250	58550	62950	66550	69200	71000	72050	72550	72650	72300	61050
Median	0	0	42750	44250	45700	47150	48550	49900	51200	53650	56700	59050	60650	61700	62200	62300	62250	61750	53750
Lower Quartile	0	0	40600	41800	43000	44150	45300	46350	47350	49200	51500	53200	54350	55000	55300	55350	55200	54800	47450
Lower Decile	0	0	37250	38400	39500	40550	41550	42500	43400	44950	46750	47950	48550	48700	48500	48200	47750	46900	42400
Mean	0	0	42200	43800	45400	46950	48500	49950	51400	54050	57500	60100	61950	63100	63650	63800	63750	63150	55100
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	43850	46650	49650	52850	53800	58200	61050	66600	69700	71650	76050	79050	79350	81000	81700	82750	70450
Upper Quartile	0	0	42250	45050	47800	49950	51400	54800	57000	60450	62300	63100	67000	71300	72150	71500	74100	72550	61050
Median	0	0	40000	43000	45450	47900	48350	51450	52750	54950	55850	57450	58500	61650	60900	62100	64100	61950	53750
Lower Quartile	0	0	38200	41400	42900	44800	44550	46900	48150	50450	51100	52150	52450	54700	54700	56050	55950	53950	47450
Lower Decile	0	0	35300	38650	39800	41050	40400	42400	43150	46000	46850	47700	46950	47850	48700	48500	48750	45300	42400
Mean	0	0	40200	43100	45150	47400	47700	50800	52450	55600	57050	58350	59950	62850	62850	63550	64800	63200	55100
Supporting Data																			
Total Number	27	42	126	303	376	376	358	462	382	1239	810	609	557	430	351	246	179	228	7113
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: NEW ENGLAND, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	50900	53300	55700	58100	60450	64950	70900	75550	78800	80650	81350	81300	80750	79150	70950
Upper Quartile	0	0	0	0	49200	51000	52750	54500	56200	59400	63750	67350	70100	72050	73300	74050	74350	74400	61600
Median	0	0	0	0	47200	48500	49800	51050	52250	54500	57350	59650	61350	62500	63200	63600	63750	63700	54350
Lower Quartile	0	0	0	0	44700	45800	46850	47850	48750	50500	52650	54250	55350	56050	56400	56500	56500	56250	48450
Lower Decile	0	0	0	0	42200	43100	43950	44800	45550	46950	48600	49750	50500	50850	50950	50900	50750	50300	44050
Mean	0	0	0	0	46950	48450	49900	51350	52700	55250	58550	61150	63000	64250	64900	65200	65250	65000	56000
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	49800	53200	54300	58600	61500	67100	70350	72500	77200	79850	81000	81850	83050	84400	709[illegible]
Upper Quartile	0	0	0	0	48100	50400	51800	55150	57550	61250	63150	63700	69050	73250	74000	72150	76450	79000	61600
Median	0	0	0	0	45850	48300	49050	52150	53450	55700	56550	58200	59850	63650	62100	62650	67100	66650	54350
Lower Quartile	0	0	0	0	43800	45850	46000	48500	49350	51550	51800	53450	54250	56450	56300	56350	58800	57500	48450
Lower Decile	0	0	0	0	41700	43300	43150	45000	45900	47800	47750	49400	49800	51450	50900	49850	53800	50600	44050
Mean	0	0	0	0	45950	48400	48950	51950	53550	56650	57850	59500	61650	65000	64600	64450	67800	67800	56000
Supporting Data																			
Total Number	11	28	99	265	335	336	308	414	347	1108	712	499	449	331	246	174	129	122	5911
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: NEW ENGLAND, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	41850	43350	44900	46450	48000	49550	51150	54250	58800	63150	67100	70600	73600	76050	78050	80950	67000
Upper Quartile	0	0	38550	39950	41400	42850	44300	45750	47200	50050	54150	57850	61150	63950	66250	68050	69400	71300	58050
Median	0	0	36000	37250	38450	39650	40850	42000	43200	45450	48650	51500	54000	56050	57650	58950	59850	61150	48950
Lower Quartile	0	0	32900	33900	34900	35900	36900	37900	38900	40800	43450	45900	48000	49800	51250	52450	53350	54600	41100
Lower Decile	0	0	30900	31850	32750	33600	34450	35300	36100	37650	39600	41250	42550	43500	44150	44550	44800	45050	35650
Mean	0	0	36000	37250	38500	39750	41000	42250	43450	45800	49150	52150	54700	56850	58600	59950	60900	62250	50450
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	40000	45950	46450	46200	48100	46300	46700	55550	60400	65250	64650	69750	73800	77700	75600	75000	67000
Upper Quartile	0	0	38450	40650	43250	42400	43600	43750	44000	50600	55900	59050	59100	63400	68550	70150	64000	65900	58050
Median	0	0	36450	38150	38700	37700	39650	40800	41300	47350	51600	52200	49900	56250	57250	61250	56800	57500	48950
Lower Quartile	0	0	34250	33500	35050	35600	36050	38200	37200	40450	45700	47000	47050	47200	53150	55250	48000	51100	41100
Lower Decile	0	0	32350	31850	33100	34250	33250	35250	34400	36400	40800	42600	44600	41900	43250	45400	44100	41400	35650
Mean	0	0	36050	38200	39150	39100	40100	40950	41050	46500	51250	53250	53000	55700	58900	61900	56900	58300	50450
Supporting Data																			
Total Number	17	13	27	37	43	41	49	48	36	130	98	108	110	98	105	73	52	105	1199
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: NEW ENGLAND, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	58300	60000	61650	63250	66450	71050	75300	79100	82400	85150	87400	89200	91800	80100
Upper Quartile	0	0	0	0	0	57900	58500	59200	60000	61850	64950	68250	71450	74350	76750	78600	79900	81100	70850
Median	0	0	0	0	0	55700	56050	56500	57000	58100	60050	62150	64300	66250	68000	69450	70500	71750	62500
Lower Quartile	0	0	0	0	0	51950	52600	53200	53850	55000	56650	58100	59400	60450	61350	62050	62550	63150	57650
Lower Decile	0	0	0	0	0	47300	48350	49350	50250	51800	53600	54850	55750	56300	56650	56900	57000	57100	53850
Mean	0	0	0	0	0	54350	55250	56150	57050	58850	61400	63800	66000	67950	69550	70900	71850	73100	65050
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	59500	60650	62100	64000	65150	71000	77250	78500	82200	83900	86150	90100	96700	80100
Upper Quartile	0	0	0	0	0	57600	58250	59050	60200	62050	64600	69050	69950	74900	77450	78500	79800	83850	70850
Median	0	0	0	0	0	54500	54750	56000	57550	58700	60100	62450	62750	66400	68400	69900	72100	73450	62500
Lower Quartile	0	0	0	0	0	51500	50750	53100	54400	55600	56450	58200	58700	60300	61650	62300	63700	64750	57650
Lower Decile	0	0	0	0	0	49400	47900	46800	51650	52500	53150	54950	55250	56500	57150	57500	58600	56950	53850
Mean	0	0	0	0	0	54550	54500	55050	58000	59050	61400	64350	64800	68000	69650	71000	72950	75500	65050
Supporting Data																			
Total Number	2	1	4	3	10	16	35	58	70	282	366	378	311	247	244	167	119	143	2451
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

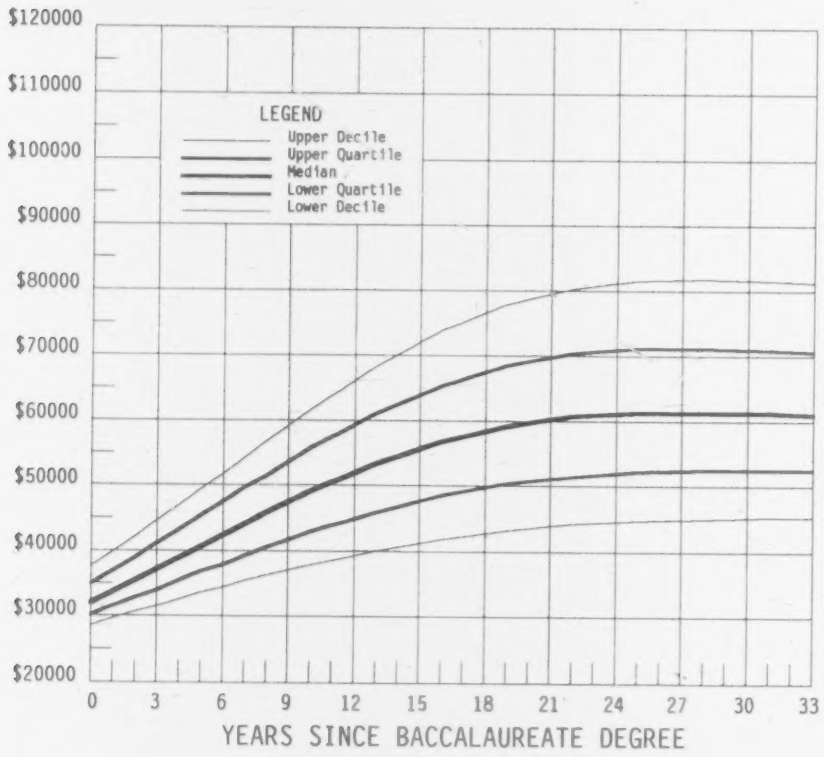
1990 ENGINEERING SALARY STATISTICS: NEW ENGLAND, SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	59400	60750	62150	63550	66550	71050	75450	79450	82850	85500	87400	88650	89800	80350
Upper Quartile	0	0	0	0	0	58500	58950	59550	60300	62050	65150	68450	71600	74450	76700	78400	79500	80450	71100
Median	0	0	0	0	0	56900	57050	57300	57650	58600	60350	62350	64400	66300	67950	69250	70200	71200	62600
Lower Quartile	0	0	0	0	0	53550	53950	54400	54850	55750	57100	58400	59550	60500	61250	61800	62200	62550	58050
Lower Decile	0	0	0	0	0	50400	50950	51500	52050	53050	54300	55300	56050	56550	56850	57050	57150	57200	54700
Mean	0	0	0	0	0	56000	56600	57250	57900	59400	61750	64100	66250	68150	69700	70800	71600	72350	65500
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	59700	62150	62400	64700	65300	70900	77450	78800	82200	84300	86550	90600	99750	80350
Upper Quartile	0	0	0	0	0	58000	59250	59350	60500	62200	64850	69000	70300	74850	78150	79200	80150	85000	71100
Median	0	0	0	0	0	55250	57100	56850	57850	58900	60500	62550	62900	66300	68800	70450	73200	74750	62600
Lower Quartile	0	0	0	0	0	52500	53750	54150	55000	56100	56950	58450	59050	60350	61950	61800	63950	67000	58050
Lower Decile	0	0	0	0	0	50400	50400	51700	52100	53300	53900	55350	56100	56700	57550	57200	59500	58950	54700
Mean	0	0	0	0	0	55200	56650	56900	58400	59400	61800	64500	65150	68050	70300	71200	73550	77500	65500
Supporting Data																			
Total Number	2	1	3	3	8	14	24	48	63	259	336	357	292	227	214	142	95	112	2190
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: NEW ENGLAND, NON-SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	56550	58100	59650	62800	67500	72000	76250	80200	83750	86800	89350	93450	78250
Upper Quartile	0	0	0	0	0	0	53700	54500	55350	57200	60200	63500	67050	70750	74500	78200	81550	87850	69400
Median	0	0	0	0	0	0	49350	49400	49800	50750	54400	58800	62950	66350	68700	70150	70850	71300	59900
Lower Quartile	0	0	0	0	0	0	41900	43050	44150	46400	49700	52900	55950	58700	61200	63350	65150	68050	52500
Lower Decile	0	0	0	0	0	0	40200	41100	42000	43800	46500	49100	51600	53950	56100	58000	59650	62300	48000
Mean	0	0	0	0	0	0	49400	50250	51150	53000	55850	58850	61950	65000	68050	70900	73450	78000	61600
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	54350	55850	0	63000	72000	74400	78200	83000	77200	78000	84500	87250	78250
Upper Quartile	0	0	0	0	0	0	52450	53400	0	58500	58800	69000	67000	75000	72250	72750	73500	80300	69400
Median	0	0	0	0	0	0	50400	46500	0	53500	54300	58000	58000	67000	66800	67700	66550	67500	59900
Lower Quartile	0	0	0	0	0	0	47750	33850	0	50100	51050	54250	51650	61000	59000	64150	63000	58500	52500
Lower Decile	0	0	0	0	0	0	44300	32750	0	47900	47000	51800	49700	54200	51650	60500	56400	54650	48000
Mean	0	0	0	0	0	0	49850	46050	0	55050	56500	61150	60150	68050	65500	68400	69100	69150	61600
Supporting Data																			
Total Number	0	0	1	0	2	2	11	11	7	25	30	22	19	18	31	25	21	31	262
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

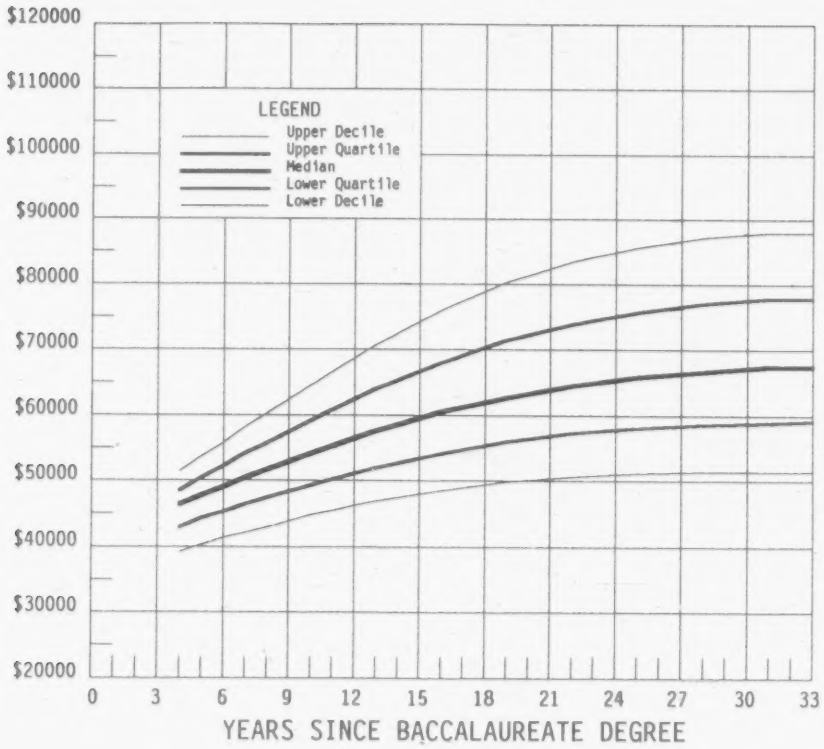
SALARY CURVES FOR ENGINEERS IN MID-ATLANTIC STATES
ALL ENGINEERS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: MID-ATLANTIC STATES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	37600	39800	42100	44400	46850	49300	51750	54250	56700	61550	68250	73750	77800	80400	81650	81950	81650	80250	71900
Upper Quartile	34950	36900	38950	41000	43100	45250	47350	49500	51600	55600	61050	65450	68550	70400	71250	71300	70950	69600	61200
Median	31950	33600	35350	37100	38850	40600	42350	44100	45800	49050	53400	56850	59250	60700	61350	61450	61200	60250	51100
Lower Quartile	30050	31350	32700	34000	35350	36700	38000	39250	40500	42900	46000	48500	50350	51600	52300	52600	52650	52400	41350
Lower Decile	28600	29600	30600	31600	32550	33500	34450	35350	36250	37900	40100	41850	43200	44150	44800	45200	45400	45500	34600
Mean	32700	34350	36000	37750	39450	41200	42900	44600	46300	49500	53800	57350	59900	61600	62500	62850	62800	62200	52500
Raw (Unsmoothed) Statistics																			
Upper Decile	35550	38450	42500	45150	47750	50550	52150	55750	57850	62500	67050	71350	75500	79800	81850	81250	81650	82250	71900
Upper Quartile	33200	35100	38750	41950	44300	46800	48000	51650	52450	56450	59900	62750	65950	70200	71900	70800	71550	71100	61200
Median	31550	33050	35450	37050	38750	40600	42100	45350	46350	50100	53350	55500	57250	60500	61850	61400	61700	60750	51100
Lower Quartile	30300	31250	32800	34050	35050	36350	37550	39500	40900	43450	45700	48050	49000	52800	53350	52850	53050	51800	41350
Lower Decile	28600	29950	30750	31650	32500	33150	33400	35450	36800	38150	39850	41550	42550	45850	45200	45300	45250	45000	34600
Mean	32000	33600	36200	37950	39650	41550	42700	45700	46850	50250	53350	56000	58200	62100	63150	62550	63250	62600	52500
Supporting Data																			
Total Number	803	1073	1113	1455	1550	1497	1442	1599	1553	4555	3318	3183	3064	2426	2272	2019	1867	3701	38497
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	2	5	3	13	17	42
Less Than $22000	2	1	1	1	0	0	0	0	0	0	0	1	0	1	1	0	0	0	7

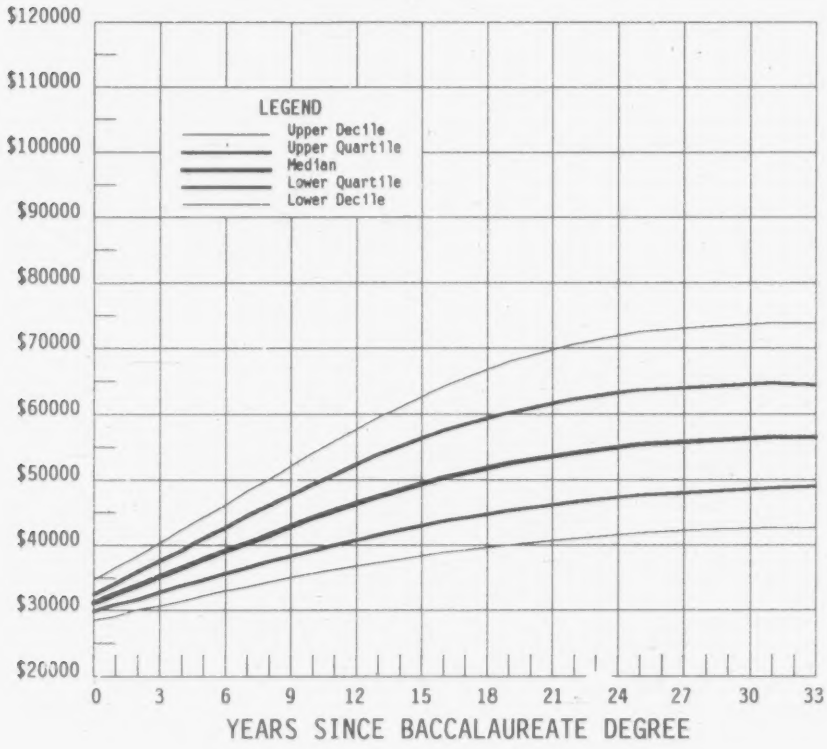
SALARY CURVES FOR ENGINEERS IN MID-ATLANTIC STATES
SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: MID-ATLANTIC STATES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	51350	53550	55800	58050	60250	64600	70700	76000	80250	83500	85700	87100	87900	88400	77750
Upper Quartile	0	0	0	0	48600	50400	52250	54050	55800	59250	64000	68100	71400	73950	75800	77000	77750	78450	66850
Median	0	0	0	0	46300	47700	49050	50400	51700	54200	57600	60450	62750	64550	65850	66750	67350	68000	57350
Lower Quartile	0	0	0	0	43000	44200	45300	46400	47450	49450	52100	54250	55950	57250	58150	58700	59050	59400	49200
Lower Decile	0	0	0	0	39200	40200	41200	42150	43050	44700	46850	48550	49800	50650	51150	51450	51600	51550	42450
Mean	0	0	0	0	45900	47400	48900	50350	51800	54500	58250	61500	64100	66100	67600	68600	69250	69950	59050
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	49850	53400	55050	58850	61150	66050	70350	75500	79050	84100	84500	85300	87350	90250	77750
Upper Quartile	0	0	0	0	47600	49900	51700	55150	57150	60150	63200	67050	70350	75450	77000	75850	77850	78400	66850
Median	0	0	0	0	45100	47400	48500	51650	52550	55100	57150	59800	61350	65650	66850	66250	66700	68250	57350
Lower Quartile	0	0	0	0	42250	43850	44700	47450	47850	50200	51850	53800	54600	57950	58850	59200	58800	59200	49200
Lower Decile	0	0	0	0	39100	39800	40800	43400	42850	45050	46200	48400	48700	52100	52400	51050	51550	51000	42450
Mean	0	0	0	0	45050	47050	48300	51350	52450	55350	57800	60850	62950	67300	68250	67750	69150	70100	59050
Supporting Data																			
Total Number	96	306	346	507	577	594	574	711	658	2281	1819	1706	1724	1310	1202	962	894	1530	17802
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	1	5	3	13	16	39
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2

SALARY CURVES FOR ENGINEERS IN MID-ATLANTIC STATES
NON-SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: MID-ATLANTIC STATES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	34700	36550	38400	40350	42300	44250	46250	48250	50250	54150	59600	64300	68050	70700	72450	73450	73850	73800	63900
Upper Quartile	32600	34250	35900	37600	39250	41000	42700	44400	46050	49300	53800	57500	60400	62450	63750	64400	64700	64500	54650
Median	31150	32450	33750	35100	36450	37800	39100	40400	41700	44150	47500	50300	52550	54200	55350	56050	56450	56700	44750
Lower Quartile	29850	30850	31850	32800	33800	34750	35700	36650	37550	39300	41650	43700	45350	46650	47600	48300	48800	49350	36950
Lower Decile	28450	29200	30000	30750	31500	32250	32950	33650	34350	35650	37350	38850	40050	41000	41750	42300	42650	43150	32500
Mean	31400	32750	34100	35450	36800	38150	39500	40850	42150	44650	48100	51000	53350	55100	56300	57100	57550	57900	46900
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	34950	36450	38750	40150	41150	44250	45750	49150	51000	54900	59750	63000	66800	70250	73850	74500	74250	73300	63900
Upper Quartile	32900	33850	36450	37350	38800	40550	42350	44950	46700	49950	53850	56400	59200	62750	64800	64900	65500	64000	54650
Median	31300	32250	33900	35000	36250	37350	38900	40700	42550	44700	47150	49650	50950	55050	56100	56750	57200	56150	44750
Lower Quartile	30150	30700	31950	32800	33450	34550	34900	36800	38550	39700	41500	43250	44100	48000	48050	49100	48600	48950	36950
Lower Decile	28500	29050	30250	30650	31750	31900	32250	33900	34800	36000	37200	38300	39000	42450	42100	42200	43300	42750	32500
Mean	31650	32600	34400	35300	36450	37900	39000	41150	42700	45100	48000	50350	52100	55850	57450	57800	57850	57300	46900
---------- Supporting Data ----------																			
Total Number	706	770	765	946	974	904	868	888	894	2274	1497	1477	1340	1116	1070	1057	971	2169	20690
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	3
Less Than $22000	2	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	5

1990 ENGINEERING SALARY STATISTICS: MID-ATLANTIC STATES, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	35700	37650	39700	41750	43850	46000	48150	50350	52500	56800	62750	67900	72000	74900	76750	77700	78050	77800	67050
Upper Quartile	33400	35050	36750	38500	40250	42050	43800	45600	47350	50750	55500	59500	62700	64950	66400	67250	67600	67550	56250
Median	31600	32950	34300	35700	37100	38450	39850	41200	42550	45100	48600	51550	53950	55700	56900	57650	58100	58400	45800
Lower Quartile	30100	31150	32200	33250	34250	35300	36300	37250	38200	40050	42500	44600	46300	47600	48550	49200	49650	50150	37500
Lower Decile	28750	29550	30350	31100	31850	32600	33350	34050	34750	36050	37800	39300	40500	41450	42200	42750	43150	43600	32850
Mean	31950	33350	34750	36150	37600	39000	40400	41800	43200	45850	49500	52600	55150	57050	58400	59250	59800	60200	48350
Raw (Unsmoothed) Statistics																			
Upper Decile	34350	37100	41300	42650	44100	45950	48300	51050	52450	56600	61900	67450	71150	75450	78050	76150	77900	78300	67050
Upper Quartile	33000	34800	37500	38500	40000	41850	43500	46250	47850	51300	55000	58850	61800	65650	66600	66400	67700	67800	56250
Median	31450	32900	34800	35650	36900	37900	39600	41600	43100	45600	48050	51100	52800	56750	57400	58250	58700	57900	45800
Lower Quartile	30200	31150	32450	33250	33900	35100	35600	37250	38950	40650	41800	44300	45200	49300	49250	49700	49550	49650	37500
Lower Decile	28550	29800	30550	31000	32050	32300	32600	34100	35450	36350	37150	38600	40000	44000	42400	42950	43250	43050	32850
Mean	31650	33200	35400	36300	37400	38750	40000	42150	43500	46150	48950	52300	54300	58250	58950	59000	60300	59850	48350
Supporting Data																			
Total Number	764	1016	952	1071	1050	990	952	964	964	2580	1696	1663	1658	1228	1186	1126	1166	2602	23634
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	11	14	29
Less Than $22000	2	1	1	1	0	0	0	0	0	0	0	1	0	1	1	0	0	0	7

1990 ENGINEERING SALARY STATISTICS: MID-ATLANTIC STATES, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	48500	50650	52800	55000	57150	61400	67450	72800	77250	80750	83250	84950	86000	86900	77200
Upper Quartile	0	0	0	0	45350	47200	49050	50850	52700	56200	61150	65400	68900	71500	73400	74600	75300	75850	65800
Median	0	0	0	0	42600	44000	45400	46750	48100	50700	54250	57300	59850	61800	63300	64300	65000	65800	54850
Lower Quartile	0	0	0	0	38550	39700	40850	42000	43050	45150	48000	50450	52450	53950	55100	55900	56450	57050	45200
Lower Decile	0	0	0	0	36150	37050	37900	38700	39500	41050	43050	44800	46200	47300	48150	48750	49150	49700	38050
Mean	0	0	0	0	42450	43900	45400	46850	48250	51000	54850	58250	61050	63300	64950	66200	67000	68000	56800
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	48650	51450	52550	56600	55900	60600	66350	74200	77050	83250	83550	83800	85050	86800	77200
Upper Quartile	0	0	0	0	45650	46700	49400	52150	52600	55750	60150	66050	68450	73400	75000	73200	74150	75850	65800
Median	0	0	0	0	42450	43300	46300	48000	47800	50550	53500	58200	58800	62700	64700	64200	63650	65900	54850
Lower Quartile	0	0	0	0	38950	39400	40900	43200	42650	45150	46900	50700	51400	56200	56000	57650	55250	56500	45200
Lower Decile	0	0	0	0	36750	36800	38100	39200	39500	41500	40650	45650	45950	48250	49850	48800	49200	48950	38050
Mean	0	0	0	0	42600	43850	45650	48000	47750	50750	53800	58950	60450	64850	65950	65800	66700	67600	56800
Supporting Data																			
Total Number	86	275	233	203	189	197	192	191	197	673	564	602	691	489	513	414	508	976	7194
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	11	14	29
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2

1990 ENGINEERING SALARY STATISTICS: MID-ATLANTIC STATES, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34250	36050	37850	39750	41650	43550	45450	47400	49250	52950	58000	62300	65550	67800	69150	69800	69950	69550	60200
Upper Quartile	32650	34200	35750	37350	38950	40550	42150	43750	45300	48300	52350	55700	58250	60050	61150	61700	61900	61700	51450
Median	31250	32500	33750	35000	36200	37450	38650	39850	41000	43200	46200	48700	50650	52050	53050	53650	54000	54250	42550
Lower Quartile	29950	30900	31800	32750	33650	34550	35400	36300	37100	38700	40800	42600	44050	45200	46000	46600	47000	47500	35850
Lower Decile	28450	29200	29950	30650	31350	32050	32700	33350	34000	35150	36700	38000	39050	39850	40500	40900	41250	41600	32000
Mean	31350	32600	33900	35200	36450	37750	39000	40250	41450	43750	46850	49450	51500	53000	54000	54650	55000	55200	44600
Raw (Unsmoothed) Statistics																			
Upper Decile	34000	35900	38200	39700	40850	43500	45050	48200	50700	54050	58250	59950	63450	68650	66850	69900	71150	70200	60200
Upper Quartile	32700	33750	36250	37100	38600	40200	41950	44450	46350	49250	52150	54350	56850	59950	60000	61800	62900	62000	51450
Median	31250	32150	33750	34900	36100	37150	38650	40350	42200	44100	45450	47900	48050	53150	52950	54400	54950	54150	42550
Lower Quartile	30100	30650	31850	32750	33350	34400	34650	36550	38350	39300	40550	41900	42650	46800	45400	46950	46500	47650	35850
Lower Decile	28450	28950	30250	30600	31550	31800	32200	33550	34550	35600	36450	37500	37700	41000	40900	41250	41750	41250	32000
Mean	31400	32350	34150	35050	36200	37450	38550	40700	42400	44550	46550	48500	49950	53950	53550	55150	55350	55200	44600
Supporting Data																			
Total Number	678	739	718	869	860	794	761	774	767	1907	1130	1059	967	738	673	715	659	1625	16438
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	2	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	5

1990 ENGINEERING SALARY STATISTICS: MID-ATLANTIC STATES, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	45600	47900	50250	52600	55000	57350	59700	64250	70550	75800	79850	82600	84250	85000	85150	84600	74850
Upper Quartile	0	0	44150	46000	47800	49650	51500	53300	55050	58450	63100	66950	69950	72100	73550	74400	74800	74900	64400
Median	0	0	42450	43900	45350	46750	48150	49500	50800	53250	56550	59250	61300	62750	63750	64300	64650	64750	55400
Lower Quartile	0	0	40000	41150	42300	43400	44450	45500	46500	48350	50800	52800	54350	55450	56250	56750	57050	57300	48200
Lower Decile	0	0	35650	36700	37750	38750	39750	40700	41600	43300	45500	47200	48500	49400	50000	50300	50450	50450	42500
Mean	0	0	41700	43250	44800	46350	47900	49400	50850	53600	57300	60400	62750	64500	65650	66300	66650	66850	57300
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	45050	46650	49600	52950	54200	58100	60700	66600	70100	73300	78100	83200	83600	83150	83950	86850	74850
Upper Quartile	0	0	42450	44850	47450	49900	51400	54650	56300	60050	62500	63750	69200	72800	74250	73100	76450	74800	64400
Median	0	0	40000	42750	44950	47600	48050	51200	51500	54600	55750	57200	59950	63350	64750	63900	64850	64800	55400
Lower Quartile	0	0	37800	40900	41500	44050	43750	46600	47000	49750	50500	51100	53400	55450	56750	55800	57200	57800	48200
Lower Decile	0	0	34950	36500	36400	38650	39500	41650	42150	44700	45700	45750	47850	48550	50000	48950	51200	51350	42500
Mean	0	0	40400	42500	44200	46800	47450	50500	51500	55100	56850	58300	61800	65050	66200	65000	66900	67300	57300
Supporting Data																			
Total Number	31	58	156	378	489	485	453	567	507	1631	1188	1061	996	849	721	637	508	866	11590
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	2	1	9
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: MID-ATLANTIC STATES, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	51000	53400	55800	58250	60650	65350	71900	77450	81850	85000	87000	88050	88450	88250	76150
Upper Quartile	0	0	0	0	49050	50900	52800	54650	56450	60000	64900	69100	72450	75050	76850	78000	78700	79300	65650
Median	0	0	0	0	47200	48500	49800	51050	52250	54650	57900	60800	63200	65250	66800	68050	68950	70150	56050
Lower Quartile	0	0	0	0	45050	46000	46900	47800	48700	50350	52600	54600	56350	57750	58900	59850	60550	61550	49450
Lower Decile	0	0	0	0	42700	43400	44050	44700	45350	46550	48250	49750	51100	52250	53250	54050	54700	55700	44550
Mean	0	0	0	0	47050	48550	49950	51400	52800	55450	59150	62350	65000	67150	68750	69950	70750	71750	58650
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	49800	52950	54500	58750	61950	67550	71350	75450	79950	86400	84600	84900	88550	92300	76150
Upper Quartile	0	0	0	0	48150	50300	51900	55200	57800	61650	64250	66350	71600	77000	76850	75600	79800	80150	65650
Median	0	0	0	0	45850	48300	49100	52150	53450	55800	57300	58600	62050	67250	67450	66550	69750	70200	56050
Lower Quartile	0	0	0	0	43800	45900	46050	48650	49400	51550	52450	53050	55250	58400	58900	58600	61750	62100	49450
Lower Decile	0	0	0	0	41700	43400	43150	45200	46150	47550	48050	48650	50300	52950	53350	52050	55900	56350	44550
Mean	0	0	0	0	46000	48300	49100	52100	53700	56850	58600	60400	64000	68850	68700	67850	71450	72600	58650
Supporting Data																			
Total Number	9	29	112	299	380	381	356	467	389	1311	876	692	685	535	407	365	267	401	7965
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	2	1	8
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: MID-ATLANTIC STATES, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	43550	45350	47150	48950	50750	52550	54350	57850	62800	67200	70900	73850	76100	77700	78750	80000	71650
Upper Quartile	0	0	38200	39900	41650	43400	45200	46950	48700	52050	56750	60800	64000	66400	68050	69050	69550	69850	62200
Median	0	0	35200	36700	38250	39800	41300	42800	44300	47150	51050	54300	56850	58650	59800	60450	60750	60800	53500
Lower Quartile	0	0	32700	33900	35100	36300	37500	38650	39800	42000	45050	47700	49850	51550	52750	53600	54200	54800	44700
Lower Decile	0	0	30600	31550	32500	33450	34350	35250	36150	37850	40200	42250	43950	45300	46350	47150	47700	48400	37850
Mean	0	0	36250	37700	39150	40600	42050	43450	44900	47600	51400	54650	57250	59300	60750	61700	62350	62900	54350
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	43400	47100	44950	52050	50350	52400	51300	58450	63100	66800	71400	71350	79400	79100	78200	79450	71650
Upper Quartile	0	0	39050	40400	40100	44400	43650	47850	48200	52750	57150	60500	63250	65200	70500	68250	69350	70200	62200
Median	0	0	36500	37250	37100	39550	40500	42500	44850	47700	51400	54150	55900	58400	61650	59450	60150	61300	53500
Lower Quartile	0	0	34450	33600	34150	36050	37100	38450	40050	42450	46000	47150	49950	50100	53750	53450	53800	55350	44700
Lower Decile	0	0	32550	31400	32500	33050	32950	35600	35950	37350	41350	42400	44550	44700	46500	45050	48550	49050	37850
Mean	0	0	37800	38400	37850	40900	41200	43350	44300	47850	51950	54550	56900	58500	62750	61200	61800	63100	54350
Supporting Data																			
Total Number	22	29	46	79	109	106	94	103	118	320	315	370	313	315	314	268	241	467	3627
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: MID-ATLANTIC STATES, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	58200	59750	61300	62900	65950	70550	74950	79100	82950	86350	89350	91850	95850	81500
Upper Quartile	0	0	0	0	0	57450	58100	58850	59700	61600	64800	68250	71700	74900	77700	79900	81500	83200	71850
Median	0	0	0	0	0	54950	55400	55950	56500	57750	59850	62100	64300	66450	68350	70000	71250	72900	62900
Lower Quartile	0	0	0	0	0	51050	51700	52400	53050	54300	56100	57700	59150	60500	61600	62550	63350	64550	57550
Lower Decile	0	0	0	0	0	46900	47800	48650	49450	50900	52750	54200	55300	56050	56550	56850	57000	57100	53550
Mean	0	0	0	0	0	53850	54700	55600	56450	58250	60900	63500	66000	68300	70350	72100	73450	75400	65650
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	59400	60150	61600	64550	64150	70900	76550	80050	81600	85750	87750	88950	98950	81500
Upper Quartile	0	0	0	0	0	57500	58100	58750	59900	61600	64550	68700	71250	74800	78450	79700	79500	83600	71850
Median	0	0	0	0	0	54100	53900	55650	57300	58100	59950	62300	63000	66650	69150	70500	70200	72500	62900
Lower Quartile	0	0	0	0	0	51050	49050	52350	53650	54500	56450	58000	58000	60550	62150	62300	62950	64450	57550
Lower Decile	0	0	0	0	0	48350	45900	48100	51050	50800	52750	54700	54200	56500	56750	57450	56450	56500	53550
Mean	0	0	0	0	0	54100	53550	55300	57450	58000	61100	64050	65250	67950	70850	71950	72100	75900	65650
Supporting Data																			
Total Number	6	1	4	5	11	19	39	68	83	342	437	458	407	347	364	252	193	229	3267
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	4
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

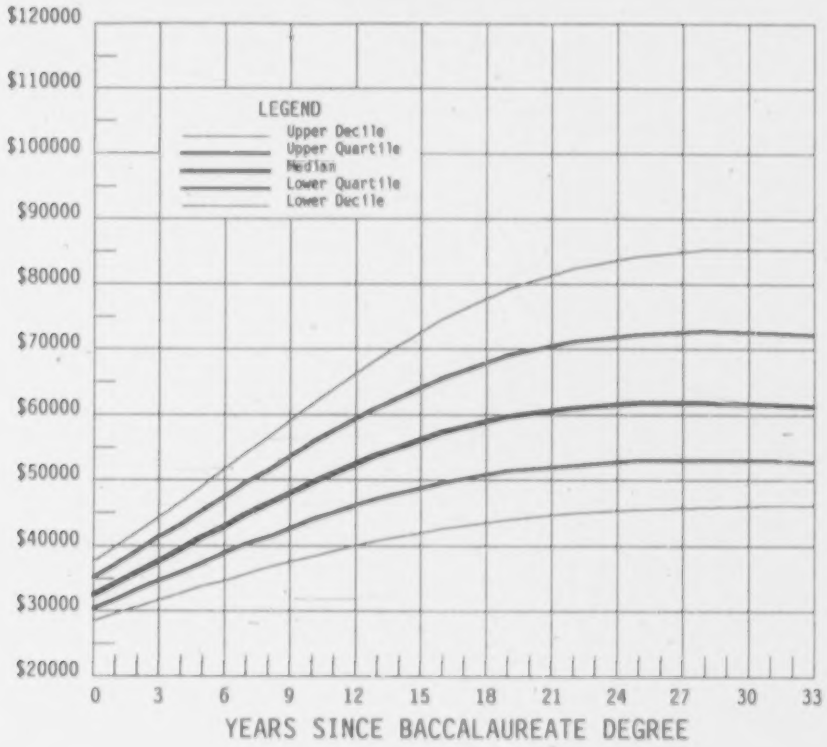
1990 ENGINEERING SALARY STATISTICS: MID-ATLANTIC STATES, SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	59250	60750	62200	63650	66600	71050	75350	79550	83500	87100	90300	93100	97650	81850
Upper Quartile	0	0	0	0	0	58500	59000	59600	60300	62050	65150	68600	72150	75550	78500	80900	82650	84500	72350
Median	0	0	0	0	0	57200	57200	57350	57650	58450	60250	62450	64850	67250	69400	71250	72650	74300	63100
Lower Quartile	0	0	0	0	0	53950	54200	54500	54850	55600	56850	58200	59600	60900	62150	63200	64050	65250	58200
Lower Decile	0	0	0	0	0	50750	51200	51650	52100	52900	54100	55200	56100	56900	57550	58050	58400	58800	54750
Mean	0	0	0	0	0	56100	56650	57250	57900	59300	61650	64100	66600	69000	71150	73000	74400	76250	66300
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	59600	61850	62250	65350	65150	70850	77200	80350	82100	86050	88450	91250	106200	81850
Upper Quartile	0	0	0	0	0	58000	59150	59300	60650	62150	64850	69100	71600	75350	79300	80550	81900	88350	72350
Median	0	0	0	0	0	55250	57000	56650	57800	58900	60500	62650	63150	67600	69950	72100	73900	76150	63100
Lower Quartile	0	0	0	0	0	52250	53900	53950	54800	56050	56950	58550	58500	60800	62950	62500	64550	68250	58200
Lower Decile	0	0	0	0	0	50450	50600	51500	52000	53250	53950	55550	55250	56900	58200	57550	60250	60150	54750
Mean	0	0	0	0	0	55150	56600	56750	58400	59300	61800	64550	65800	68500	71900	72400	74800	79900	66300
Supporting Data																			
Total Number	2	1	3	3	10	16	26	55	73	296	381	411	345	286	280	183	120	153	2638
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	3
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: MID-ATLANTIC STATES, NON-SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	51300	53600	55900	60400	66850	72450	77000	80400	82650	83950	84600	84750	79900
Upper Quartile	0	0	0	0	0	0	47200	48800	53300	57200	67100	70700	71550	71700	71700	71700	71700	71700	70450
Median	0	0	0	0	0	0	45100	46350	50250	53150	60800	63450	64100	64200	64250	64250	64250	64250	61500
Lower Quartile	0	0	0	0	0	0	41850	42550	45800	48100	54600	56850	57350	57450	57500	57500	57500	57500	53550
Lower Decile	0	0	0	0	0	0	37550	37750	42900	45150	49250	51550	52100	52200	52200	52200	52200	52200	47800
Mean	0	0	0	0	0	0	44150	45400	50400	52750	61450	64550	65300	65450	65450	65450	65450	65450	62900
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	52600	55700	58000	56500	70000	70850	77600	79600	84250	84150	83800	83300	79900
Upper Quartile	0	0	0	0	0	0	50500	53000	54500	54100	59550	64350	69650	71550	74750	75500	73150	76900	70450
Median	0	0	0	0	0	0	48200	49000	51500	50750	55700	57650	61350	63650	67600	68000	66250	66450	61500
Lower Quartile	0	0	0	0	0	0	45500	46000	48500	45250	50200	54000	53200	59850	58250	61200	60000	58600	53550
Lower Decile	0	0	0	0	0	0	42200	44200	39500	41250	42500	50500	49200	54150	52750	56900	53600	53650	47800
Mean	0	0	0	0	0	0	47850	49300	50400	49850	55650	59550	62000	65550	67600	70300	67550	68350	62900
Supporting Data																			
Total Number	5	0	1	1	1	3	14	12	10	45	55	47	62	63	86	72	72	77	627
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

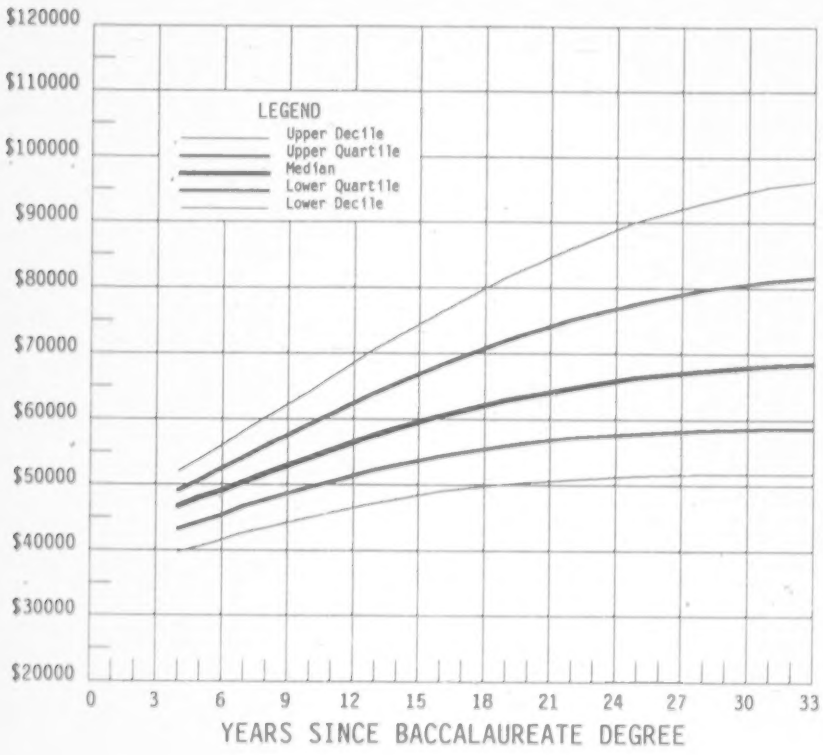
SALARY CURVES FOR ENGINEERS IN EAST NORTH CENTRAL STATES
ALL ENGINEERS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: EAST NORTH CENTRAL STATES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	37600	39750	42000	44350	46750	49200	51650	54150	56650	61600	68550	74550	79250	82500	84400	85300	85450	84750	71500
Upper Quartile	35250	37150	39150	41200	43250	45350	47450	49550	51600	55650	61150	65650	69000	71150	72300	72700	72600	71650	60100
Median	32600	34250	36000	37700	39450	41200	42950	44700	46400	49600	53850	57250	59650	61050	61750	61850	61600	60700	50500
Lower Quartile	30450	31850	33250	34650	36050	37450	38850	40150	41450	43900	47100	49600	51350	52400	52950	53050	52950	52350	41200
Lower Decile	28500	29550	30600	31700	32750	33750	34800	35750	36700	38500	40850	42700	44100	45050	45650	45950	46100	46050	34650
Mean	32850	34500	36200	37900	39650	41400	43150	44900	46600	49900	54400	58150	61000	62950	64100	64700	64850	64500	52300
Raw (Unsmoothed) Statistics																			
Upper Decile	35600	38700	42200	45300	47700	50000	52500	55650	58050	62550	67700	71950	76150	81350	83850	84950	87600	88850	71500
Upper Quartile	33550	35600	39100	42450	44300	46350	48300	51600	52800	56300	59950	63300	66100	71100	72500	72800	74050	74350	60100
Median	32200	33600	35550	38200	39550	41200	43300	46050	46850	50300	53850	56000	57750	60300	61900	62200	62750	61750	50500
Lower Quartile	30650	31650	32700	34700	36200	37300	38600	41400	41800	43950	47650	48350	50550	52400	53650	54150	54200	51450	41200
Lower Decile	28850	29200	30400	31550	32250	33800	34750	37450	36650	38500	41250	41800	43300	45150	45800	47250	47550	45100	34650
Mean	32150	33800	36000	38550	39850	41650	43350	46350	47150	50450	54250	56700	59100	62600	64450	65000	65900	65650	52300
Supporting Data																			
Total Number	1001	1269	1174	1343	1685	1784	1552	1741	1740	5110	3712	3592	3097	2388	2129	1721	1393	2107	38542
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	4	13	21	23	20	15	45	141
Less Than $22000	12	30	11	0	8	0	0	1	0	2	0	0	0	0	0	0	0	0	65

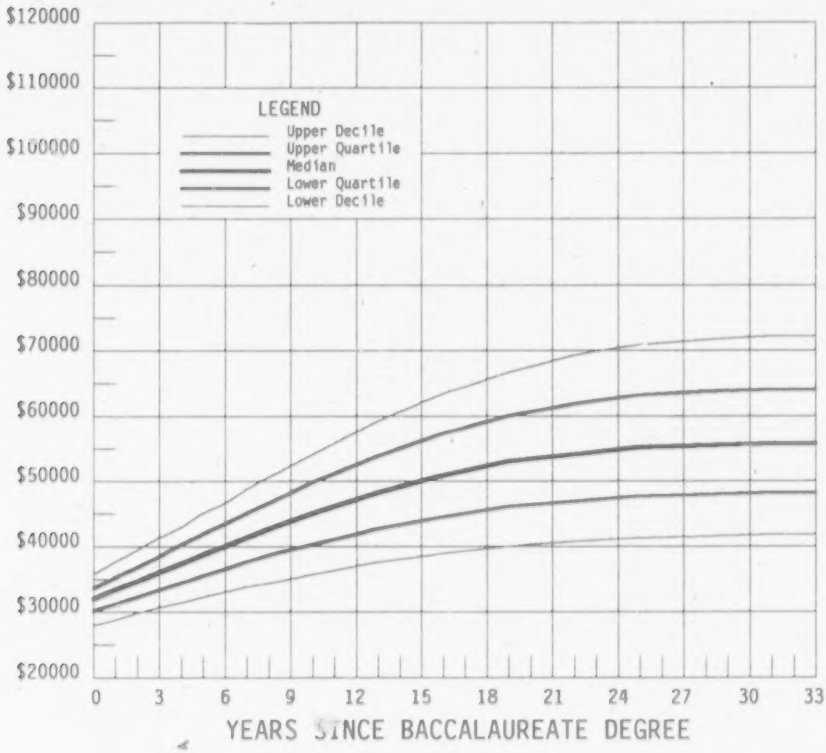
SALARY CURVES FOR ENGINEERS IN EAST NORTH CENTRAL STATES SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: EAST NORTH CENTRAL STATES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	51900	53950	56000	58100	60200	64400	70600	76400	81650	86250	90050	93100	95450	98750	78500
Upper Quartile	0	0	0	0	49050	50800	52500	54200	55900	59250	63950	68250	72050	75200	77700	79700	81150	83100	66650
Median	0	0	0	0	46550	47900	49200	50500	51800	54250	57600	60500	62950	64900	66450	67550	68350	69400	57050
Lower Quartile	0	0	0	0	43100	44300	45450	46600	47700	49700	52350	54500	56100	57250	58000	58450	58700	58800	49500
Lower Decile	0	0	0	0	39650	40650	41650	42600	43500	45200	47300	49000	50200	51000	51500	51750	51850	51800	42650
Mean	0	0	0	0	46200	47650	49100	50500	51900	54650	58550	62000	65050	67600	69650	71250	72450	74100	59650
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	49900	53350	55450	58850	60950	66100	71100	75650	79300	85450	89200	91650	96400	102250	78500
Upper Quartile	0	0	0	0	47800	50200	52050	55100	57000	60250	63600	67300	71050	75950	77250	79800	82400	83000	66650
Median	0	0	0	0	45000	47650	48550	51600	52550	55200	57450	60000	61600	65350	66400	66650	69450	69900	57050
Lower Quartile	0	0	0	0	42000	44250	44700	47350	48150	50500	52350	54150	55250	56900	57650	58450	61650	58050	49500
Lower Decile	0	0	0	0	39000	40800	40800	43900	43700	45350	47400	48350	49700	51550	51350	51900	54700	50300	42650
Mean	0	0	0	0	45000	47350	48450	51550	52500	55500	58400	61500	63900	67950	69450	70700	74100	74100	59650
Supporting Data																			
Total Number	102	325	342	543	578	605	583	776	764	2573	2151	2109	1868	1423	1268	983	732	1069	18800
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	4	13	21	21	20	15	45	139
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SALARY CURVES FOR ENGINEERS IN EAST NORTH CENTRAL STATES
NON-SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: EAST NORTH CENTRAL STATES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	35750	37550	39350	41200	43050	44950	46800	48700	50550	54150	59150	63450	66800	69250	70850	71750	72200	72250	60800
Upper Quartile	33650	35250	36850	38500	40150	41800	43450	45100	46700	49750	53950	57450	60100	62000	63150	63750	64000	63850	52100
Median	31900	33250	34600	36000	37350	38750	40100	41400	42700	45100	48350	50950	52950	54250	55100	55500	55650	55450	43600
Lower Quartile	30200	31300	32350	33450	34500	35550	36600	37550	38550	40350	42700	44600	46050	47050	47700	48100	48250	48300	36750
Lower Decile	28050	28900	29750	30600	31450	32250	33000	33800	34500	35850	37600	39000	40100	40850	41350	41650	41850	41950	32200
Mean	31750	33100	34450	35850	37200	38600	39950	41250	42550	45050	48400	51200	53300	54850	55850	56450	56700	56800	45300
Raw (Unsmoothed) Statistics																			
Upper Decile	35250	37050	39400	41100	43650	45150	47850	49500	51100	54350	58800	61850	64200	69450	72600	71600	72300	73700	60800
Upper Quartile	33450	35050	36700	38200	40150	42050	44300	46100	46900	50000	53850	56000	58200	62450	64150	64800	63250	64650	52100
Median	32000	33000	34200	35700	37400	38800	40400	42400	43350	45250	48550	49400	51650	53950	56600	57150	55800	55150	43600
Lower Quartile	30550	30900	31750	32950	34350	36100	36650	38900	39100	40400	42900	43150	44900	46900	48050	50000	49900	47500	36750
Lower Decile	28600	28300	29750	30250	30650	32600	32900	35150	34350	36300	38200	37700	39050	40300	42100	42600	43100	41500	32200
Mean	31850	32800	34150	35650	37100	38750	40300	42250	42950	45300	48500	49850	51850	54800	57200	57350	56950	56800	45300
Supporting Data																			
Total Number	896	944	831	799	1106	1179	969	965	973	2537	1562	1485	1228	966	864	745	660	1034	19743
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
Less Than $22000	12	30	11	0	8	0	0	1	0	2	0	0	0	0	0	0	0	0	65

1990 ENGINEERING SALARY STATISTICS: EAST NORTH CENTRAL STATES, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	36150	38150	40200	42350	44550	46750	49050	51300	53600	58200	64800	70650	75550	79250	81800	83400	84200	84650	67450
Upper Quartile	34000	35750	37500	39350	41150	43000	44900	46750	48600	52200	57200	61550	64950	67450	69100	70000	70450	70500	55800
Median	32150	33600	35100	36600	38100	39600	41050	42550	43950	46700	50400	53500	55800	57450	58450	59000	59200	59050	45850
Lower Quartile	30400	31550	32750	33900	35050	36150	37250	38350	39400	41400	44050	46250	47950	49200	50000	50550	50800	50950	37750
Lower Decile	28400	29250	30100	30950	31800	32650	33450	34200	35000	36450	38350	40000	41350	42400	43200	43750	44150	44600	32700
Mean	32150	33600	35100	36600	38150	39650	41200	42700	44200	47150	51200	54700	57550	59750	61250	62250	62850	63350	48600
Raw (Unsmoothed) Statistics																			
Upper Decile	35100	37800	41100	43400	44900	46700	49400	51550	54250	58550	63650	69950	73350	81300	78300	86200	86500	84700	67450
Upper Quartile	33450	35350	37900	40100	40750	43200	45400	47400	49150	52750	56500	60900	62950	68250	67750	69700	71400	71650	55800
Median	32150	33450	34950	36700	37900	39550	40950	43250	44600	46900	50500	53150	54650	57050	57900	60250	60300	58700	45850
Lower Quartile	30600	31500	32350	33600	34850	36500	37100	39450	39850	41400	44050	45200	47700	49700	49500	52400	52350	49700	37750
Lower Decile	28750	29050	30200	30600	31050	32800	33500	35550	34750	36600	38600	39350	41250	42400	42500	44250	45600	44000	32700
Mean	31900	33450	35300	36950	37850	39650	41200	43400	44450	47350	51100	54200	56250	60650	60450	63400	63950	62850	48600
Supporting Data																			
Total Number	968	1180	986	941	1185	1239	1020	1020	1077	2848	1851	1946	1622	1229	1076	940	865	1449	23449
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	2	5	17	11	14	8	29	87
Less Than $22000	12	30	11	0	6	0	0	1	0	2	0	0	0	0	0	0	0	0	63

1990 ENGINEERING SALARY STATISTICS: EAST NORTH CENTRAL STATES, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	50200	52350	54550	56750	59000	63500	70150	76450	82150	87050	91150	94350	96750	100000	79900
Upper Quartile	0	0	0	0	46750	48550	50400	52250	54050	57650	62750	67400	71400	74700	77250	79150	80550	82250	66650
Median	0	0	0	0	43550	44950	46400	47750	49150	51800	55400	58600	61200	63300	64850	66000	66800	67700	55050
Lower Quartile	0	0	0	0	39800	41000	42150	43300	44400	46500	49300	51600	53450	54750	55700	56250	56600	56900	46150
Lower Decile	0	0	0	0	37550	38050	38600	39150	39800	41100	43100	45000	46700	48100	49150	49850	50300	50650	38700
Mean	0	0	0	0	43550	45050	46550	48100	49600	52500	56700	60450	63750	66450	68650	70350	71600	73250	58400
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	49800	52200	55350	55650	58050	64300	71100	76700	79200	89900	87400	94600	102050	98100	79900
Upper Quartile	0	0	0	0	45800	48600	51000	52200	54050	58400	62100	67250	70450	77500	73850	80050	82700	80900	66650
Median	0	0	0	0	41950	44600	46150	48300	49950	53000	54850	58700	59500	64450	63300	65800	68550	67200	55050
Lower Quartile	0	0	0	0	39000	40900	41500	44450	44600	47000	49250	51500	52500	54800	54200	57700	60600	54900	46150
Lower Decile	0	0	0	0	36950	38000	37900	41450	39350	41350	42800	44150	47200	49250	47450	50450	53650	48700	38700
Mean	0	0	0	0	42800	44950	46650	48950	49400	53050	56200	60500	62500	68650	66300	71300	74100	71600	58400
Supporting Data																			
Total Number	92	296	228	235	194	200	194	231	287	895	732	856	758	585	533	455	401	673	7853
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	2	5	17	11	14	8	29	87
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: EAST NORTH CENTRAL STATES, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	35400	37200	39000	40850	42750	44600	46500	48350	50200	53800	58650	62700	65800	67950	69200	69800	70000	69650	58550
Upper Quartile	33450	35050	36650	38300	39950	41600	43200	44800	46400	49400	53450	56700	59150	60750	61650	62050	62100	61700	50100
Median	31800	33150	34500	35850	37200	38550	39850	41150	42400	44700	47750	50200	51900	53050	53650	53900	53900	53550	42050
Lower Quartile	30200	31200	32250	33300	34300	35250	36250	37150	38050	39750	41900	43650	45000	45900	46500	46800	46950	47000	35650
Lower Decile	28000	28800	29600	30400	31200	31950	32650	33350	34050	35300	36900	38200	39200	39900	40350	40650	40800	40950	31450
Mean	31600	32950	34250	35600	36950	38300	39600	40900	42150	44550	47700	50300	52250	53600	54450	54900	55050	54950	43700
Raw (Unsmoothed) Statistics																			
Upper Decile	34950	36600	39150	40850	43350	45100	47150	49100	50700	54000	58400	61450	63200	67750	68350	68900	69800	72500	58550
Upper Quartile	33350	34800	36350	38000	39950	42100	43950	45650	46650	49700	53450	55550	57050	60100	61800	63050	61500	63050	50100
Median	31900	32850	34100	35550	37300	38800	40100	42100	43250	44750	48000	48650	50800	52500	53800	56050	54750	53250	42050
Lower Quartile	30500	30800	31650	32700	34050	36050	36400	38550	38750	39850	41650	42450	43650	45950	46200	48750	48500	46450	35650
Lower Decile	28550	28250	29700	29900	30450	32350	32600	34800	33650	35550	37350	37200	38350	39650	41350	40950	41850	40400	31450
Mean	31700	32550	34000	35400	36900	38650	39900	41750	42600	44750	47700	49250	50750	53500	54650	55800	55350	55250	43700
Supporting Data																			
Total Number	873	885	759	705	993	1039	822	788	789	1954	1121	1088	863	642	542	486	467	775	15594
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	12	30	11	0	6	0	0	1	0	2	0	0	0	0	0	0	0	0	63

1990 ENGINEERING SALARY STATISTICS: EAST NORTH CENTRAL STATES, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	45600	47750	49950	52200	54450	56650	58900	63250	69400	74800	79200	82550	84900	86350	87200	87750	72400
Upper Quartile	0	0	43900	45700	47500	49300	51050	52800	54550	57850	62300	66050	69000	71150	72600	73450	73900	74100	62200
Median	0	0	42050	43500	44900	46300	47650	49000	50250	52700	55850	58350	60250	61550	62400	62850	63050	63000	53950
Lower Quartile	0	0	38900	40100	41300	42450	43550	44600	45650	47550	50050	51950	53350	54300	54900	55150	55250	55150	46950
Lower Decile	0	0	34950	36000	37050	38050	39050	40000	40850	42500	44600	46150	47250	47950	48350	48450	48450	48200	41450
Mean	0	0	41350	42850	44350	45800	47300	48700	50100	52800	56450	59550	62050	63950	65300	66200	66800	67300	55900
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	43650	46450	49450	52400	54100	58000	59950	65350	69550	71900	77600	80600	84750	84000	86850	97450	72400
Upper Quartile	0	0	41800	44550	47350	49550	51250	54450	55750	58900	61650	63650	67800	71250	74450	73200	74600	75500	62200
Median	0	0	39500	42550	44900	47050	47600	50700	50700	53400	55400	56950	59150	61400	63200	62900	64300	63950	53950
Lower Quartile	0	0	37050	40150	41800	42000	43350	45550	45700	48000	50100	50900	52750	54050	56400	54650	55900	55400	46950
Lower Decile	0	0	32900	35750	37550	37250	39250	41500	41300	42700	45200	44850	46300	47250	48950	49300	50050	48200	41450
Mean	0	0	39300	42150	44300	45900	47150	50100	50750	53700	56300	58000	61050	63000	66700	65750	67250	69550	55900
Supporting Data																			
Total Number	27	84	183	395	482	517	487	641	563	1886	1409	1168	1054	797	689	542	343	421	11687
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	2	8	1	7	6	5	14	43
Less Than $22000	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2

1990 ENGINEERING SALARY STATISTICS: EAST NORTH CENTRAL STATES, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	51550	53700	55800	58000	60150	64400	70600	76350	81400	85600	89000	91600	93450	95850	75100
Upper Quartile	0	0	0	0	49300	51000	52700	54400	56100	59400	64150	68450	72250	75450	78050	80100	81650	83700	64200
Median	0	0	0	0	47300	48550	49750	51000	52150	54450	57600	60350	62700	64650	66150	67350	68200	69400	55800
Lower Quartile	0	0	0	0	44850	45850	46850	47800	48750	50500	52800	54700	56250	57450	58350	58950	59400	59900	49550
Lower Decile	0	0	0	0	42350	43150	43950	44700	45450	46800	48600	50050	51200	52100	52800	53250	53600	54000	44650
Mean	0	0	0	0	47200	48550	49900	51250	52600	55150	58800	62150	65100	67600	69700	71350	72650	74500	58550
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	49750	53000	54450	58850	61650	66700	71050	74100	79450	83150	89300	87850	89750	112650	75100
Upper Quartile	0	0	0	0	48100	50350	51850	55300	57600	60650	64150	66300	71450	75450	77950	79550	81250	87600	64200
Median	0	0	0	0	45800	48300	49050	52250	53250	55400	57300	59250	61750	64750	66750	65850	68150	72250	55800
Lower Quartile	0	0	0	0	43800	45850	45900	48650	49300	51300	52850	54000	55500	56800	58600	57550	61900	61050	49550
Lower Decile	0	0	0	0	41700	43250	42750	45150	46400	47450	48400	49600	50600	51900	53300	51700	55950	54350	44650
Mean	0	0	0	0	45950	48300	48900	52150	53650	56300	58650	60950	64400	66500	70450	69750	72950	78300	58550
Supporting Data																			
Total Number	9	28	112	301	376	389	361	490	404	1387	1032	821	760	538	446	343	208	229	8236
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	2	8	1	5	6	5	14	41
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: EAST NORTH CENTRAL STATES, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	41000	42650	44300	46000	47650	49350	51000	54250	58800	62900	66400	69250	71450	73050	74150	75500	64900
Upper Quartile	0	0	38450	39900	41350	42800	44300	45750	47150	49950	53900	57400	60400	62800	64700	66100	67050	68300	56200
Median	0	0	36150	37350	38550	39750	40950	42150	43300	45500	48600	51350	53700	55600	57050	58200	59000	60050	47950
Lower Quartile	0	0	33800	34800	35800	36800	37750	38700	39650	41400	43750	45800	47500	48800	49800	50500	51000	51550	41300
Lower Decile	0	0	32350	33000	33700	34350	35000	35650	36250	37400	39050	40500	41700	42750	43600	44300	44850	45600	36600
Mean	0	0	36300	37500	38750	40000	41200	42400	43600	45900	49050	51900	54300	56200	57750	58900	59700	60750	49700
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	40600	42500	44400	43400	51500	50000	49800	54900	59150	62550	63450	68800	75250	72900	72950	72250	64900
Upper Quartile	0	0	38650	39600	41600	41000	45150	46750	46950	50400	54300	56400	58550	63750	66800	66800	64100	65600	56200
Median	0	0	36600	36650	38350	38400	41750	42900	43100	46050	49350	50550	51800	55800	58800	58250	55950	58850	47950
Lower Quartile	0	0	32950	34150	35750	36050	38250	40200	39950	41600	45000	44300	46800	47500	50300	51100	50900	50100	41300
Lower Decile	0	0	30100	32600	34050	34200	35100	38000	36450	37550	40000	39950	39650	41200	43800	46550	46300	43450	36600
Mean	0	0	35950	37200	38450	38650	42050	43450	43400	46550	49850	50950	52150	55700	59800	58900	58050	59200	49700
Supporting Data																			
Total Number	19	55	73	94	106	128	125	151	158	500	376	348	293	255	242	197	131	194	3454
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
Less Than $22000	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2

1990 ENGINEERING SALARY STATISTICS: EAST NORTH CENTRAL STATES, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	58050	59500	60950	62450	65550	70350	75100	79700	83900	87500	90500	92700	95250	81450
Upper Quartile	0	0	0	0	0	56850	57450	58250	59100	61050	64500	68150	71750	75050	77850	79950	81450	82900	71400
Median	0	0	0	0	0	53050	53850	54650	55450	57100	59550	61950	64200	66250	68050	69500	70600	72000	62300
Lower Quartile	0	0	0	0	0	48650	49650	50600	51500	53200	55500	57450	59000	60200	61100	61800	62250	62850	56900
Lower Decile	0	0	0	0	0	44300	45500	46600	47700	49650	52100	53900	55150	55850	56200	56250	56100	55650	52300
Mean	0	0	0	0	0	51950	53050	54150	55300	57450	60600	63500	66150	68450	70350	71900	73050	74500	65100
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	58850	59800	61000	63200	64400	70850	76600	79100	82350	89050	86500	92000	99750	81450
Upper Quartile	0	0	0	0	0	56150	57500	58100	59200	61500	63950	68200	72000	74400	79600	78500	80450	84150	71400
Median	0	0	0	0	0	51750	52350	54650	56000	57700	59600	61850	63050	66450	69350	68800	70750	72500	62300
Lower Quartile	0	0	0	0	0	48800	48500	50300	51800	53350	55750	57550	58450	59900	61800	60900	62650	63600	56900
Lower Decile	0	0	0	0	0	47250	42950	47650	49400	48950	51700	54450	54950	55850	56600	56150	57050	55300	52300
Mean	0	0	0	0	0	51750	52050	54300	55700	57450	60850	63700	65300	67950	72100	70250	73250	75550	65100
Supporting Data																			
Total Number	6	5	4	5	16	27	46	80	102	379	451	481	420	362	365	241	182	234	3404
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	0	2	2	11
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

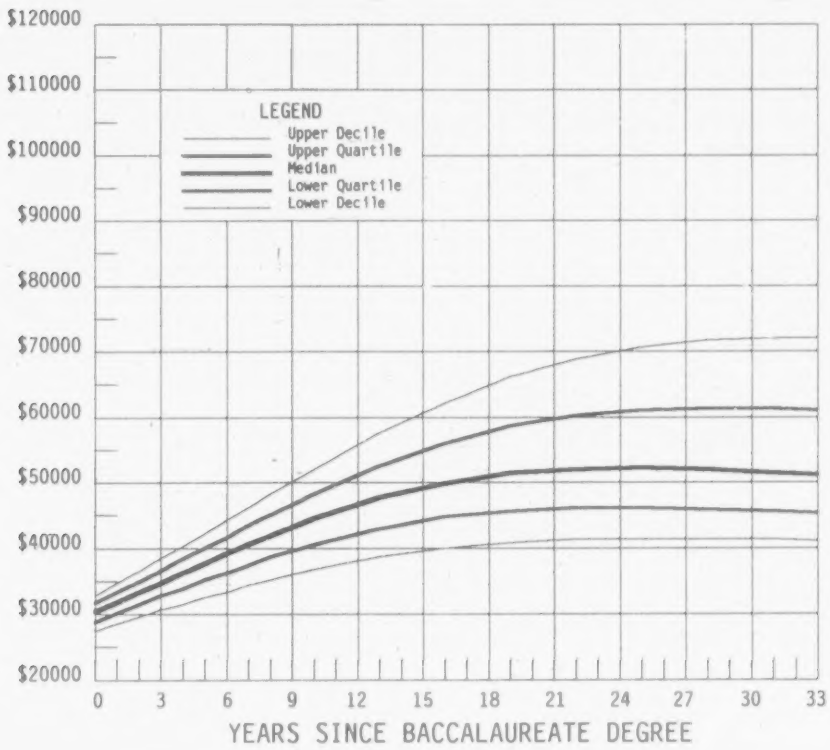
1990 ENGINEERING SALARY STATISTICS: EAST NORTH CENTRAL STATES, SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	59950	61150	62450	63800	66600	71050	75700	80250	84550	88300	91400	93750	96500	82450
Upper Quartile	0	0	0	0	0	58450	58950	59550	60300	62100	65300	68900	72500	75850	78650	80850	82350	83850	72750
Median	0	0	0	0	0	57350	57400	57450	57650	58400	60250	62500	64950	67300	69350	71050	72250	73600	63150
Lower Quartile	0	0	0	0	0	53800	54100	54400	54800	55600	56900	58250	59600	60750	61800	62600	63200	63900	58200
Lower Decile	0	0	0	0	0	50950	51300	51700	52100	52900	54050	55100	56000	56700	57200	57550	57750	57950	54750
Mean	0	0	0	0	0	56550	56900	57400	57950	59300	61700	64350	66950	69450	71550	73250	74450	75750	66650
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	59600	61850	62300	64550	65800	71300	77250	79050	82800	89850	88300	95400	104150	82450
Upper Quartile	0	0	0	0	0	58000	59150	59350	60250	62300	65100	69300	71650	75050	81150	80200	83350	86600	72750
Median	0	0	0	0	0	55250	57000	56750	57650	59000	60550	62500	63300	67200	70600	71400	74700	75800	63150
Lower Quartile	0	0	0	0	0	52250	53900	54100	54750	56100	56900	58150	58950	60550	62950	61900	65150	66250	58200
Lower Decile	0	0	0	0	0	50450	50600	51700	52200	53300	53800	55050	55650	56750	58300	57000	60400	58800	54750
Mean	0	0	0	0	0	55150	56600	56850	58250	59550	62050	64450	65500	68900	73750	72000	76600	78850	66650
Supporting Data																			
Total Number	2	1	3	3	9	16	26	54	73	295	388	434	351	298	286	181	125	170	2706
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	0	2	2	11
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: EAST NORTH CENTRAL STATES, NON-SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	50350	51900	53400	54950	58000	62600	67050	71300	75200	78700	81800	84350	88450	75250
Upper Quartile	0	0	0	0	0	50350	50700	51250	52150	53000	58050	63400	67800	70850	72600	73450	73800	73950	66300
Median	0	0	0	0	0	48450	48550	48950	49500	50400	53600	57600	61050	63500	65050	65850	66250	66400	56750
Lower Quartile	0	0	0	0	0	45700	45850	46000	46650	47400	50350	53250	55450	56950	57750	58150	58300	58400	50450
Lower Decile	0	0	0	0	0	39050	39950	40850	41750	43400	45650	47500	49000	50150	51050	51650	52050	52550	45950
Mean	0	0	0	0	0	47500	47550	48050	48500	50000	54050	58300	61850	64350	65900	66750	67100	67300	59100
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	51200	52450	54050	54800	57850	59850	64400	79200	78150	78600	75650	78950	88000	75250
Upper Quartile	0	0	0	0	0	49600	50900	51500	52300	53050	56600	59300	74000	69600	72250	70650	70600	74500	66300
Median	0	0	0	0	0	48500	48500	49100	50700	50050	52250	57000	61000	64300	65400	64000	64450	65650	56750
Lower Quartile	0	0	0	0	0	47400	43450	47600	47000	47100	50050	53550	55850	56000	56800	57800	59150	56200	50450
Lower Decile	0	0	0	0	0	38600	41100	43400	40700	42150	44900	49400	51800	48200	49800	53350	52500	48950	45950
Mean	0	0	0	0	0	46950	46500	48900	49250	50100	53100	56500	64050	63500	65450	64200	65900	67400	59100
Supporting Data																			
Total Number	4	4	1	2	7	12	21	26	28	87	65	46	70	64	77	56	58	66	698
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

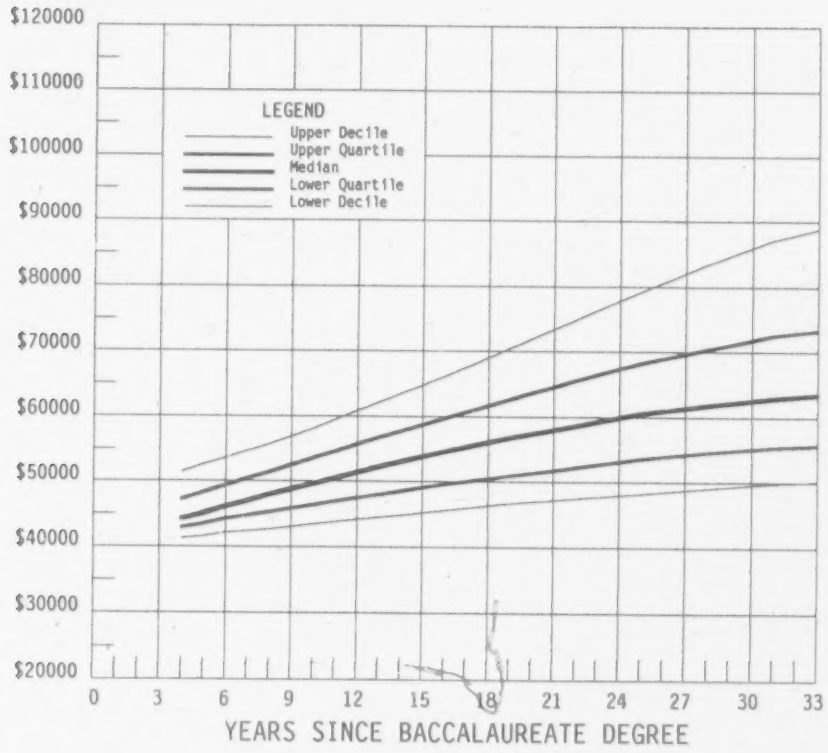
SALARY CURVES FOR ENGINEERS IN WEST NORTH CENTRAL STATES
ALL ENGINEERS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: WEST NORTH CENTRAL STATES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	32850	34650	36450	38350	40250	42200	44200	46150	48150	52000	57500	62250	66050	68850	70650	71650	72100	72100	59550
Upper Quartile	31650	33300	34950	36600	38300	40000	41700	43400	45050	48250	52550	56000	58550	60200	61100	61400	61350	60700	51100
Median	30300	31750	33250	34750	36250	37700	39150	40550	41900	44450	47650	49950	51400	52100	52200	51950	51500	50350	44150
Lower Quartile	28900	30150	31400	32700	33950	35150	36350	37450	38550	40550	43000	44700	45700	46150	46200	45900	45500	44600	38150
Lower Decile	27500	28550	29550	30600	31550	32550	33450	34350	35200	36750	38650	40000	40900	41350	41450	41400	41200	40650	32850
Mean	30300	31750	33200	34650	36100	37600	39050	40500	41900	44550	48100	50950	53050	54400	55150	55400	55400	54950	45600
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	31850	33950	35100	39200	40900	42650	44250	48200	46650	53000	57550	63350	62550	65750	63450	72500	66100	80900	59550
Upper Quartile	31250	33000	33550	36650	39200	40250	40650	44950	44600	49600	51900	55200	56900	60900	57550	62250	55900	64550	51100
Median	30200	31550	32250	34950	36550	38100	38700	41250	40700	45300	47150	49600	50800	53000	51100	51500	48450	51600	44150
Lower Quartile	28100	30250	30900	33200	33400	36200	35600	37500	38650	41500	42200	44650	44300	47850	46800	43500	44800	45500	38150
Lower Decile	26800	27450	30050	30900	32200	34100	32300	34750	32600	38600	36900	39750	39500	42650	43150	41050	40350	40650	32850
Mean	29800	31300	32450	34900	36600	38150	38250	41250	41100	45750	47350	51100	51350	54650	52800	54900	52650	57550	45600
---------- Supporting Data ----------																			
Total Number	101	142	96	179	174	189	130	197	119	615	490	347	322	186	131	163	109	203	3897
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	1	3	7
Less Than $22000	1	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	3

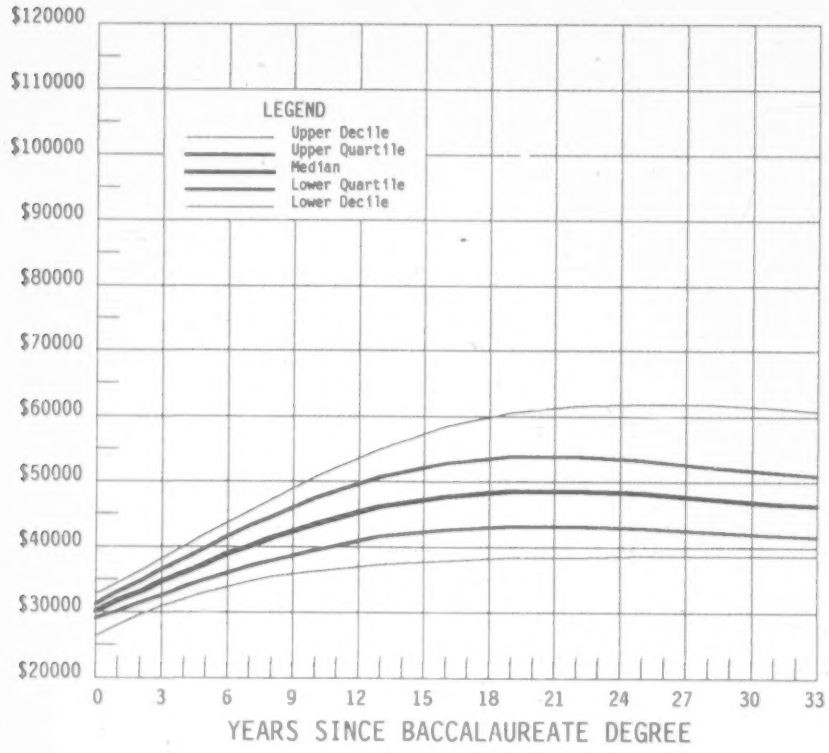
SALARY CURVES FOR ENGINEERS IN WEST NORTH CENTRAL STATES SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: WEST NORTH CENTRAL STATES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	51400	52450	53550	54700	55850	58250	62100	66200	70500	74850	79200	83350	87150	94000	71900
Upper Quartile	0	0	0	0	47250	48300	49350	50400	51450	53550	56700	59800	62750	65550	68150	70500	72450	75750	62150
Median	0	0	0	0	44150	45100	46050	46950	47900	49700	52250	54650	56850	58800	60450	61850	63050	64850	54700
Lower Quartile	0	0	0	0	43000	43600	44150	44750	45300	46450	48100	49600	51050	52350	53550	54550	55400	56750	49300
Lower Decile	0	0	0	0	41350	41700	42050	42400	42750	43450	44550	45550	46550	47500	48350	49100	49750	50850	44900
Mean	0	0	0	0	45100	45950	46800	47700	48550	50300	53000	55650	58300	60800	63200	65350	67250	70450	57650
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	49100	43650	0	54900	0	60100	62850	69750	70350	68400	75200	74500	84500	101000	71900
Upper Quartile	0	0	0	0	43250	43100	0	53300	0	54000	58550	62450	62450	62200	63350	64450	66500	80850	62150
Median	0	0	0	0	40150	42150	0	46650	0	51000	53850	55150	56200	58000	55500	61250	56000	66300	54700
Lower Quartile	0	0	0	0	39100	41250	0	45150	0	47850	47550	50550	51050	52600	49850	53150	48400	58000	49300
Lower Decile	0	0	0	0	38450	38300	0	44250	0	44200	45250	44600	48000	48800	47550	42900	47200	51900	44900
Mean	0	0	0	0	41800	41750	0	48500	0	51300	53900	57200	58000	59450	57950	61750	61850	73100	57650
Supporting Data																			
Total Number	0	0	0	0	13	11	4	18	8	127	89	124	126	76	46	69	42	78	837
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	1	3	7
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SALARY CURVES FOR ENGINEERS IN WEST NORTH CENTRAL STATES
NON-SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: WEST NORTH CENTRAL STATES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	32700	34450	36250	38100	39950	41800	43650	45450	47200	50600	54950	58300	60500	61650	62000	61750	61200	59800	52650
Upper Quartile	31300	33000	34700	36400	38100	39800	41500	43100	44600	47400	50700	52850	53800	53850	53300	52400	51350	49350	47700
Median	30250	31700	33150	34600	36050	37450	38800	40100	41350	43550	46150	47800	48550	48600	48200	47500	46750	45200	41400
Lower Quartile	29050	30250	31450	32650	33800	34900	35950	37000	37900	39600	41500	42700	43250	43250	42950	42450	41900	40750	36150
Lower Decile	26450	28050	29500	30850	32000	33000	33900	34700	35350	36350	37400	37950	38300	38500	38550	38600	38600	38600	32000
Mean	30050	31550	33000	34450	35900	37350	38750	40050	41350	43650	46400	48250	49200	49400	49100	48500	47800	46350	42350
Raw (Unsmoothed) Statistics																			
Upper Decile	31850	33950	35100	39200	40650	42050	44100	47350	46050	51000	54600	55800	57000	65350	61150	71400	56300	62450	52650
Upper Quartile	31250	33000	33550	36650	38750	40000	40500	43850	44150	47900	50450	51700	52550	57150	52950	52950	49650	51600	47700
Median	30200	31550	32250	34950	36200	37950	38600	40700	40550	43800	46000	47750	46450	50300	49650	48050	46400	46650	41400
Lower Quartile	28100	30250	30900	33200	33250	36150	35450	37100	38600	40750	41050	41050	40650	44250	45300	42150	41900	43300	36150
Lower Decile	26800	27450	30050	30900	32150	33950	32150	34550	32100	38200	35900	39100	38600	41500	42350	39650	39450	33950	32000
Mean	29800	31300	32450	34900	36200	37950	38050	40500	40450	44300	45900	47800	47000	51400	50100	50050	47050	47900	42350
Supporting Data																			
Total Number	101	142	96	179	162	178	126	178	111	487	400	225	195	112	85	93	67	127	3060
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	1	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	3

1990 ENGINEERING SALARY STATISTICS: WEST NORTH CENTRAL STATES, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	32750	34550	36350	38250	40150	42100	44050	45000	47900	51650	56850	61250	64550	66800	68100	68700	68800	68200	58050
Upper Quartile	31850	33450	35050	36700	38350	40000	41600	43250	44800	47800	51800	55000	57250	58700	59400	59550	59400	58700	49950
Median	30500	31950	33400	34850	36300	37700	39100	40450	41750	44100	47100	49200	50500	51050	51100	50800	50350	49200	43000
Lower Quartile	29200	30400	31600	32750	33900	35000	36100	37150	38100	39900	42100	43650	44650	45050	45150	44950	44650	43900	37000
Lower Decile	27600	28600	29550	30500	31450	32350	33200	34050	34800	36250	38000	39250	40100	40500	40650	40600	40450	40000	32300
Mean	30400	31800	33250	34650	36100	37500	38900	40250	41600	44100	47400	49950	51800	52900	53500	53650	53550	53000	44500
Raw (Unsmoothed) Statistics																			
Upper Decile	31800	33900	34800	39300	41000	41500	45250	48400	46600	54300	55050	64000	61000	61550	61700	65600	62700	77900	58050
Upper Quartile	31200	33000	33500	36900	39500	40000	41600	45050	44600	50100	50050	55300	56150	55700	53100	60850	54200	63250	49950
Median	30150	31600	32300	34950	37100	38100	38950	40850	40750	46150	45400	48950	50400	50350	49350	49400	48100	50500	43000
Lower Quartile	28050	30250	30900	33050	34000	36400	36200	36950	38550	41900	40250	44000	42700	45300	45550	42550	44250	45000	37000
Lower Decile	26750	27350	29950	30800	32400	34300	34200	34150	31600	38250	35550	39300	39050	41750	42150	40300	40150	39250	32300
Mean	29700	31300	32200	34850	37100	37950	39100	41000	41050	46250	45600	50600	50150	51000	50750	52450	51600	55600	44500
Supporting Data																			
Total Number	98	138	89	152	151	167	94	133	98	406	341	261	259	125	99	126	93	171	3007
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2
Less Than $22000	1	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	3

1990 ENGINEERING SALARY STATISTICS: WEST NORTH CENTRAL STATES, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	53450	54000	54550	55200	55950	57600	60550	64100	68100	72550	77300	82200	86900	96100	69450
Upper Quartile	0	0	0	0	47200	48100	49000	49900	50850	52750	55750	58850	62000	65150	68200	71050	73600	78050	61800
Median	0	0	0	0	45500	46050	46650	47250	47900	49200	51250	53400	55600	57800	59950	61950	63750	66850	54000
Lower Quartile	0	0	0	0	44300	44650	45050	45400	45800	46650	47950	49350	50800	52200	53600	54850	56000	57950	49000
Lower Decile	0	0	0	0	43850	43900	44000	44100	44250	44650	45350	46200	47200	48200	49250	50200	51100	52700	45350
Mean	0	0	0	0	46500	47000	47550	48150	48750	50100	52300	54750	57350	60050	62750	65400	67850	72250	56750
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	49400	43650	0	54800	0	60650	62700	70400	65300	63300	72550	74400	81500	97500	69450
Upper Quartile	0	0	0	0	41000	43150	0	53000	0	54400	57150	63450	60900	61550	61350	64000	62800	80600	61800
Median	0	0	0	0	40000	42350	0	46650	0	51250	53000	57350	52950	56350	53600	60900	53000	65650	54000
Lower Quartile	0	0	0	0	39000	41500	0	45350	0	48400	48100	52500	50500	51800	49000	48800	48200	57850	49000
Lower Decile	0	0	0	0	38400	41000	0	44550	0	46250	45700	47900	47200	49000	47200	42550	47100	51250	45350
Mean	0	0	0	0	41500	41950	0	48700	0	51950	53400	58800	56050	57050	56200	60100	60550	71650	56750
Supporting Data																			
Total Number	0	0	0	0	12	10	4	16	4	95	56	80	97	47	36	56	34	55	613
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: WEST NORTH CENTRAL STATES, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	32750	34450	36200	38000	39800	41550	43300	45000	46650	49750	53600	56400	58050	58750	58650	58150	57450	55800	51600
Upper Quartile	31600	33200	34850	36450	38050	39650	41200	42700	44100	46700	49750	51750	52750	52900	52450	51700	50850	49150	46600
Median	30550	31950	33300	34650	36000	37300	38500	39700	40800	42800	45150	46600	47300	47350	47000	46400	45750	44400	40500
Lower Quartile	29350	30450	31550	32650	33700	34700	35650	36600	37450	38950	40750	41900	42500	42650	42500	42150	41750	40850	35400
Lower Decile	26550	28100	29500	30750	31850	32800	33650	34400	35000	35950	36900	37450	37750	37900	38000	38050	38050	38050	31550
Mean	30300	31650	33050	34450	35800	37150	38450	39700	40850	42950	45500	47200	48050	48300	48050	47550	46950	45650	41350
Raw (Unsmoothed) Statistics																			
Upper Decile	31800	33900	34800	39300	40850	40800	45100	46900	46000	51750	52000	55950	57350	55050	52950	55100	54850	63150	51600
Upper Quartile	31200	33000	33500	36900	39150	39700	40950	43300	44150	48250	48750	50400	52700	51300	51050	50500	49200	52100	46600
Median	30150	31600	32300	34950	36750	37950	38750	39900	40550	44200	43700	47100	45500	47400	47400	43900	45900	46450	40500
Lower Quartile	28050	30250	30900	33050	33800	36300	36050	36250	38450	41050	39150	40500	40100	43000	44350	41200	41600	43000	35400
Lower Decile	26750	27350	29950	30800	32350	34200	34150	33900	30400	37150	35250	38900	38400	41100	41700	39200	39350	33750	31550
Mean	29700	31300	32200	34850	36700	37700	38850	39750	40300	44550	44100	47150	46650	47450	47750	46250	46450	47950	41350
Supporting Data																			
Total Number	98	138	89	152	139	157	90	115	92	311	284	183	163	76	63	69	59	115	2393
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	1	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	3

1990 ENGINEERING SALARY STATISTICS: WEST NORTH CENTRAL STATES, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	38400	40050	41700	43450	45200	47050	50850	56850	63200	69650	76100	82350	88150	93250	102100	63300
Upper Quartile	0	0	0	36900	38350	39850	41400	43000	44600	47900	52900	58000	62950	67650	71950	75800	79000	84250	53650
Median	0	0	0	34500	35800	37150	38500	39850	41200	43950	48100	52150	55950	59450	62500	65150	67300	70700	47000
Lower Quartile	0	0	0	32050	33250	34450	35700	36900	38150	40550	44100	47400	50350	52950	55100	56800	58150	60050	41150
Lower Decile	0	0	0	30600	31700	32850	34000	35150	36300	38550	41800	44800	47500	49800	51700	53200	54350	55950	35600
Mean	0	0	0	34750	36050	37350	38700	40100	41500	44350	48800	53300	57800	62100	66200	69900	73050	78450	49050
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	36850	35800	46250	40500	48150	48350	51100	58950	61450	70400	69600	76400	75200	67600	110000	63300
Upper Quartile	0	0	0	35700	33800	45150	39350	45400	45300	47750	56100	55000	61000	66600	59400	72650	64000	75000	53650
Median	0	0	0	34950	33000	41000	35350	41400	40550	43500	50150	51900	53000	63450	55600	61350	53000	57350	47000
Lower Quartile	0	0	0	34200	32200	34600	29450	37800	39000	40850	46150	47100	47750	54200	52050	51500	47750	49250	41150
Lower Decile	0	0	0	31350	31100	32200	28600	36400	38050	38950	44350	43050	44850	49850	49700	48250	44600	47300	35600
Mean	0	0	0	34950	33550	39750	34800	41750	41800	44400	50800	52100	56150	62950	57700	65550	55750	68150	49050
Supporting Data																			
Total Number	2	4	6	27	22	22	26	55	21	199	137	85	56	48	19	38	12	26	816
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	2	5
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

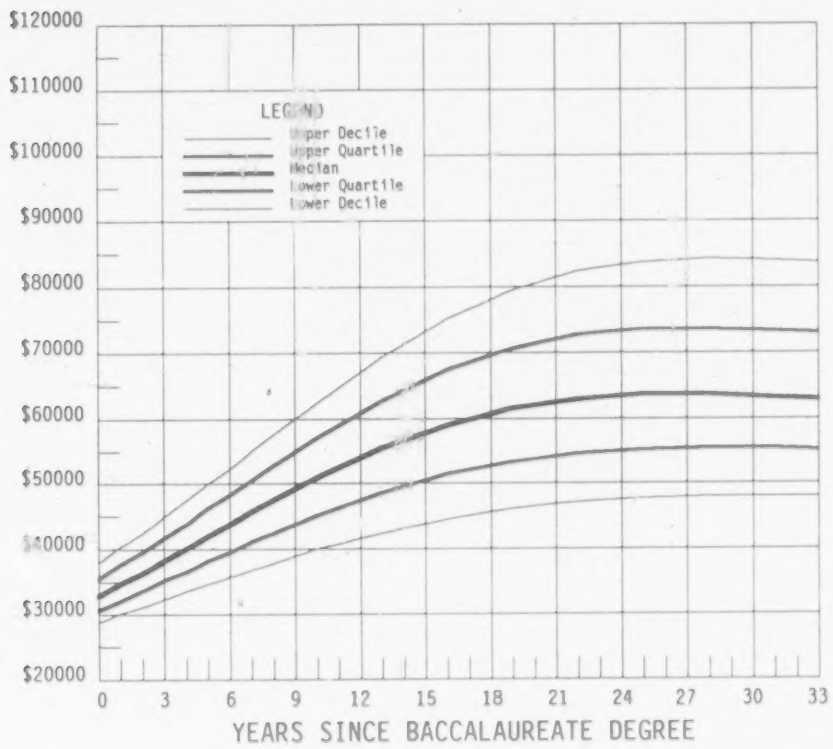
1990 ENGINEERING SALARY STATISTICS: WEST NORTH CENTRAL STATES, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	57050	58550	65950	78450	95900	117450	140800	161850	186850	76400
Upper Quartile	0	0	0	0	0	0	0	0	0	54150	56150	59450	64000	69750	76800	84900	93700	114300	63500
Median	0	0	0	0	0	0	0	0	0	52400	52900	54900	58200	62700	68300	74950	82200	99200	55650
Lower Quartile	0	0	0	0	0	0	0	0	0	43900	44000	46700	51400	57300	63700	69700	74550	80000	50150
Lower Decile	0	0	0	0	0	0	0	0	0	42150	42650	44050	47600	52300	57750	63250	68250	75200	43450
Mean	0	0	0	0	0	0	0	0	0	50300	51300	55300	61650	69850	79150	88500	96750	107400	59950
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	55900	62300	63750	80750	87000	0	140000	0	135000	76400
Upper Quartile	0	0	0	0	0	0	0	0	0	52550	59300	57650	69250	70650	0	67000	0	85000	63500
Median	0	0	0	0	0	0	0	0	0	50600	56200	53800	61500	62000	0	62650	0	72000	55650
Lower Quartile	0	0	0	0	0	0	0	0	0	43250	46250	44750	55050	54500	0	60350	0	58650	50150
Lower Decile	0	0	0	0	0	0	0	0	0	41700	44700	42300	51700	48600	0	54400	0	55400	43450
Mean	0	0	0	0	0	0	0	0	0	49300	54200	53550	64250	67900	0	74400	0	80600	59950
Supporting Data																			
Total Number	0	0	0	0	0	1	0	1	3	31	31	43	27	16	9	14	5	16	205
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	2	5
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: WEST NORTH CENTRAL STATES, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	38200	39700	41200	42800	44400	46000	49300	54450	59600	64750	69600	74150	78200	81700	87400	56500
Upper Quartile	0	0	0	37200	38400	39650	40950	42250	43600	46450	50900	55650	60550	65550	70500	75250	79550	87300	49950
Median	0	0	0	35100	36200	37300	38450	39600	40800	43300	47250	51450	55800	60250	64650	68850	72700	79650	45050
Lower Quartile	0	0	0	32400	33400	34450	35500	36600	37700	40000	43600	47300	51100	54900	58550	61950	65000	70400	39550
Lower Decile	0	0	0	30600	31650	32700	33800	34900	36050	38350	41900	45550	49150	52650	55950	58950	61550	65950	34450
Mean	0	0	0	34900	36000	37150	38350	39550	40800	43400	47450	51750	56150	60550	64900	69050	72800	79400	45450
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	36850	34900	46300	40500	48200	45700	49250	57800	55300	55000	67250	0	74950	0	52850	56500
Upper Quartile	0	0	0	35700	33700	45250	39350	45500	43600	46550	52400	53250	51500	66100	0	73350	0	50400	49950
Median	0	0	0	34950	32950	41750	35350	41550	40250	43050	49550	50800	48100	64250	0	58000	0	48750	45050
Lower Quartile	0	0	0	34200	32200	34500	29450	37750	39000	40400	46050	47750	45500	54000	0	49000	0	47400	39550
Lower Decile	0	0	0	31350	31050	32100	28600	36400	38200	38750	44150	45050	44000	50700	0	47800	0	44300	34450
Mean	0	0	0	34950	33000	39750	34800	41750	40750	43500	49750	50600	48650	60500	0	61000	0	48750	45450
Supporting Data																			
Total Number	2	4	6	27	21	21	26	54	17	167	104	41	30	32	8	24	7	11	613
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

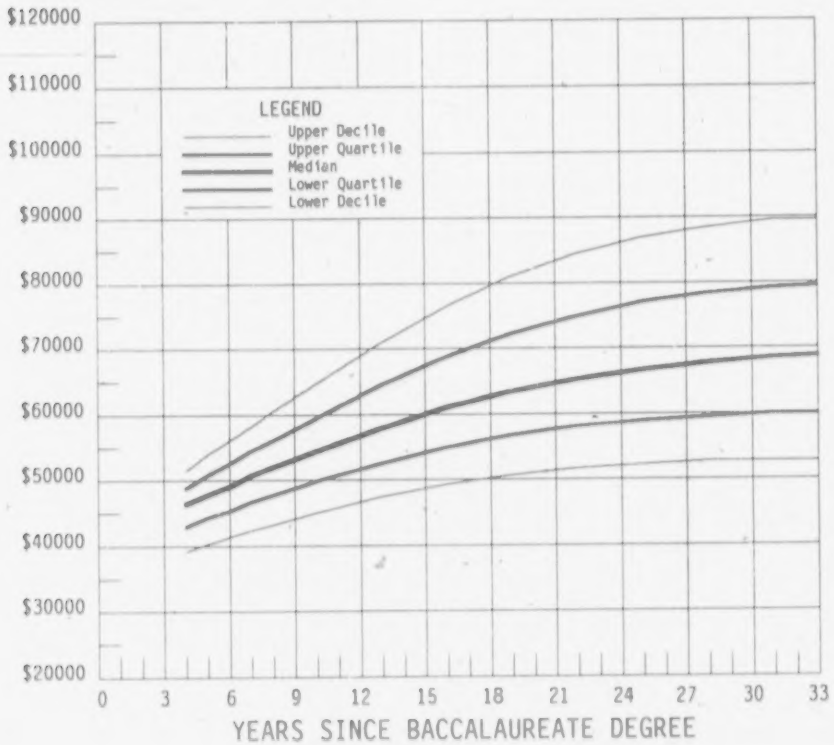
SALARY CURVES FOR ENGINEERS IN SOUTH ATLANTIC STATES
ALL ENGINEERS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: SOUTH ATLANTIC STATES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	37950	40200	42500	44900	47400	49900	52400	54950	57500	62500	69450	75250	79550	82350	83750	84150	83950	82600	73350
Upper Quartile	35450	37500	39550	41700	43850	46100	48300	50500	52700	56950	62700	67350	70650	72700	73600	73700	73350	71950	62450
Median	32800	34550	36350	38200	40050	41900	43750	45600	47400	50850	55450	59050	61550	63000	63650	63650	63300	62150	52550
Lower Quartile	30650	32100	33600	35100	36550	38050	39500	40950	42400	45050	48550	51350	53350	54600	55250	55450	55350	54750	42850
Lower Decile	28900	30050	31200	32350	33500	34650	35750	36850	37900	39900	42500	44550	46100	47100	47700	48000	48100	47950	35800
Mean	33300	35000	36800	38600	40400	42250	44100	45900	47700	51150	55800	59600	62350	64150	65100	65400	65300	64550	53900
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	36250	39000	42600	45350	48350	50800	52250	55800	59000	63700	67950	73500	77650	80700	83800	83050	85850	84200	73350
Upper Quartile	33750	35700	39450	42550	44950	47500	48150	51900	54150	57800	61300	64950	68750	71550	73650	73500	75500	73050	62450
Median	32300	33700	35950	38300	40250	42600	43400	46350	48750	51950	54900	57850	59400	61900	63550	63800	64300	63000	52550
Lower Quartile	30700	32200	33300	35000	36400	37900	38900	41500	42750	45850	48400	51000	52100	54000	55700	55850	56200	54550	42850
Lower Decile	28850	30350	31150	32350	33350	34450	35200	36850	38200	40450	42300	44750	45200	46550	47950	48650	49150	47400	35800
Mean	32650	34300	36650	38800	40750	42700	43650	46500	48600	52100	55150	58650	60800	63250	65400	65200	66550	65000	53900
---------- Supporting Data ----------																			
Total Number	567	902	969	1206	1395	1431	1401	1551	1336	4173	3030	2589	2451	1998	1976	1595	1373	2697	32649
$125,000 or More	0	0	0	0	0	0	0	0	0	1	0	4	5	11	13	2	3	15	53
Less Than $22000	2	0	2	2	1	0	0	0	1	0	0	0	0	1	1	0	0	0	10

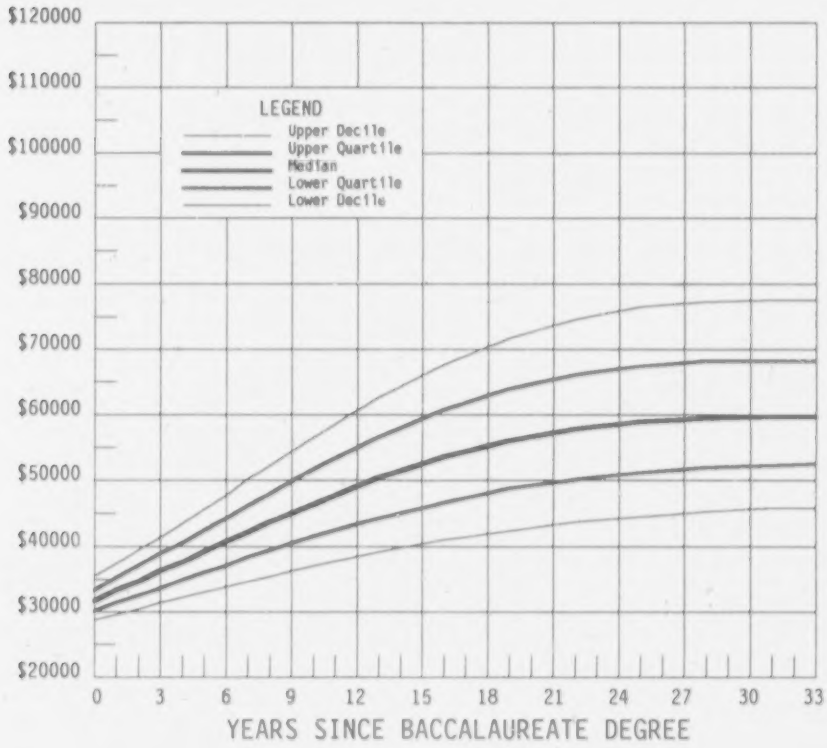
SALARY CURVES FOR ENGINEERS IN SOUTH ATLANTIC STATES SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: SOUTH ATLANTIC STATES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	0	0	0	0	51550	53800	56050	58250	60500	64900	71050	76500	81000	84450	86900	88550	89500	90350	77700
Upper Quartile	0	0	0	0	48850	50700	52500	54350	56100	59600	64450	68700	72200	74950	76950	78350	79250	80200	66700
Median	0	0	0	0	46400	47800	49200	50550	51900	54450	57950	60950	63400	65350	66800	67850	68550	69350	57250
Lower Quartile	0	0	0	0	42950	44200	45400	46550	47700	49850	52650	54950	56800	58100	59050	59600	59950	60250	49150
Lower Decile	0	0	0	0	39250	40300	41350	42350	43300	45100	47450	49300	50700	51700	52300	52700	52850	52900	42150
Mean	0	0	0	0	45950	47500	49050	50550	52000	54850	58800	62150	64950	67100	68700	69850	70600	71400	59000
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	0	0	0	0	50250	53650	55050	58700	61800	66500	70500	75300	79750	83650	87800	87700	91600	90200	77700
Upper Quartile	0	0	0	0	47900	50100	51700	55000	57600	60850	63750	67400	71500	75150	77550	77850	81300	79450	66700
Median	0	0	0	0	45100	47700	48150	51400	52900	55600	57700	60300	62050	65150	67100	67400	70150	69200	57250
Lower Quartile	0	0	0	0	42000	44250	44050	47150	48350	50850	52650	54700	55300	57900	58900	59500	61250	60200	49150
Lower Decile	0	0	0	0	38700	40800	40250	43050	43400	45500	47300	49400	49700	51800	52850	52550	53800	52250	42150
Mean	0	0	0	0	45150	47350	47900	51060	52900	55950	58400	61500	63800	67100	69300	69200	71950	71100	59000
---------- Supporting Data ----------																			
Total Number	97	301	339	503	572	560	555	749	665	2268	1822	1588	1509	1161	1095	820	668	1105	16385
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	2	5	11	13	1	3	13	48
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2

SALARY CURVES FOR ENGINEERS IN SOUTH ATLANTIC STATES
NON-SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: SOUTH ATLANTIC STATES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	35400	37350	39350	41400	43550	45700	47850	50050	52250	56550	62550	67750	71800	74700	76500	77400	77700	77350	67100
Upper Quartile	33450	35150	36950	38800	40600	42500	44350	46200	48050	51650	56600	60750	63950	66150	67500	68150	68350	68000	56850
Median	31750	33200	34700	36200	37700	39250	40750	42250	43700	46500	50350	53550	56000	57800	58900	59550	59850	59800	46700
Lower Quartile	30150	31350	32500	33700	34850	36000	37150	38300	39350	41500	44350	46750	48700	50150	51200	51900	52350	52750	38200
Lower Decile	28700	29600	30500	31350	32200	33050	33900	34700	35500	37050	39150	40950	42450	43650	44550	45250	45750	46400	33400
Mean	31900	33350	34850	36400	37900	39450	40950	42450	43950	46800	50750	54100	56750	58650	59950	60700	61100	61250	48750
Raw (Unsmoothed) Statistics																			
Upper Decile	35700	37250	39250	40900	43500	46650	47400	49550	52750	56600	62300	68150	72250	74050	76850	76650	77750	76900	67100
Upper Quartile	33600	35000	36800	38200	40350	43150	44550	46050	49100	52250	56000	59900	63100	65750	68100	67950	68350	67850	56850
Median	31900	33100	34450	35850	37450	39600	40600	42500	44600	47350	49700	52500	54750	57000	59850	60200	59950	59500	46700
Lower Quartile	30450	31400	32400	33400	34650	35900	37100	38200	39550	42200	43850	46450	47900	49600	52000	52900	53150	51850	38200
Lower Decile	28550	29650	30350	30950	32300	33200	34100	34750	35950	37350	38850	41500	41500	42050	44200	46200	47050	46000	33400
Mean	32200	33400	34600	36000	37700	39700	40850	42250	44400	47450	50300	54100	56000	57900	60500	60950	61400	60800	48750
Supporting Data																			
Total Number	469	604	628	706	823	871	846	803	670	1902	1209	1002	940	833	882	773	701	1590	16264
$125,000 or More	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	1	0	2	5
Less Than $22000	2	0	2	2	1	0	0	0	1	0	0	0	0	0	0	0	0	0	8

1990 ENGINEERING SALARY STATISTICS: SOUTH ATLANTIC STATES, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	36350	38450	40600	42850	45100	47450	49800	52150	54500	59150	65600	71100	75350	78200	79800	80500	80550	79700	69200
Upper Quartile	33900	35750	37650	39550	41500	43500	45450	47450	49400	53200	58450	62800	66100	68300	69550	70100	70100	69450	58200
Median	32250	33750	35250	36800	38400	39950	41500	43050	44550	47400	51350	54550	57050	58750	59800	60400	60550	60400	47450
Lower Quartile	30650	31850	33050	34200	35400	36550	37700	38850	39950	42050	44850	47250	49100	50500	51450	52050	52400	52700	38600
Lower Decile	29100	30000	30850	31750	32600	33450	34300	35100	35850	37350	39350	41050	42400	43500	44300	44900	45250	45750	33600
Mean	32500	34000	35550	37150	38700	40300	41900	43450	45000	47950	52050	55450	58150	60050	61300	62050	62350	62400	49800
Raw (Unsmoothed) Statistics																			
Upper Decile	35700	37900	41550	43200	45450	48000	48650	51550	55250	60000	64950	70350	74600	79000	78350	79150	81700	80250	69200
Upper Quartile	33650	35400	37950	39800	41150	43850	44950	47350	50750	53900	58050	61900	65500	68300	68450	69050	70200	70300	58200
Median	32250	33550	35300	36700	38100	40250	40850	43150	45800	48200	51050	53850	55900	58350	59300	60700	61200	60600	47450
Lower Quartile	30650	32150	32950	34100	35200	36400	37250	38700	40400	42650	44300	47450	48650	50250	51300	52600	53500	52200	38600
Lower Decile	28800	30300	30850	31400	32500	33500	34000	35000	36600	37750	39250	41500	41700	42200	43250	45900	46500	45650	33600
Mean	32300	33950	35800	37100	38600	40500	41200	43200	45800	48650	51700	55100	57450	60200	60700	61700	63100	62500	49800
Supporting Data																			
Total Number	551	846	796	829	893	909	867	884	754	2143	1395	1177	1167	960	956	842	800	1830	18604
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	9	3	0	2	11	26
Less Than $22000	2	0	2	2	1	0	0	0	1	0	0	0	0	1	1	0	0	0	10

1990 ENGINEERING SALARY STATISTICS: SOUTH ATLANTIC STATES, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	50300	52450	54650	56800	59000	63350	69500	75100	79800	83600	86450	88450	89750	91150	77400
Upper Quartile	0	0	0	0	46400	48300	50200	52100	53950	57600	62750	67200	70850	73650	75700	77000	77800	78500	66100
Median	0	0	0	0	42850	44350	45800	47250	48650	51400	55250	58550	61300	63450	65100	66250	67000	67900	54850
Lower Quartile	0	0	0	0	39100	40200	41350	42450	43500	45600	48500	51050	53200	55000	56400	57500	58250	59350	44050
Lower Decile	0	0	0	0	36550	37100	37700	38350	39000	40350	42400	44300	45900	47200	48100	48750	49100	49350	37350
Mean	0	0	0	0	43050	44550	46050	47550	49050	51900	55250	59500	62500	64950	66800	68150	69100	70200	56700
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	50500	52600	53650	55900	59400	64200	69400	74650	78700	84800	87600	86050	91200	89050	77400
Upper Quartile	0	0	0	0	45950	48250	49250	51950	54250	58850	62250	66750	70700	74400	73800	76300	79150	77150	66100
Median	0	0	0	0	41600	44150	44600	48000	49650	52600	55300	58550	59950	63250	64000	65750	67100	67400	54850
Lower Quartile	0	0	0	0	38350	40400	40000	43550	43800	46000	48850	51400	51600	55850	55000	57950	58950	58250	44050
Lower Decile	0	0	0	0	36250	37350	36200	39350	39200	40950	42450	43650	45200	46800	46250	50300	50650	48750	37350
Mean	0	0	0	0	42550	44550	44900	47800	49450	52850	55850	59250	61550	66150	65700	67250	69600	69150	56700
Supporting Data																			
Total Number	87	269	223	198	185	167	168	227	210	665	529	503	539	422	418	339	327	671	6162
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	9	3	0	2	11	25
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2

1990 ENGINEERING SALARY STATISTICS: SOUTH ATLANTIC STATES, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	35250	37150	39150	41150	43200	45300	47400	49500	51600	55650	61250	66000	69600	72000	73450	74050	74150	73500	63200
Upper Quartile	33350	35050	36800	38550	40350	42150	43900	45700	47450	50800	55350	59100	61850	63650	64650	65050	65050	64450	53650
Median	31750	33200	34650	36100	37550	39000	40400	41800	43200	45800	49300	52150	54300	55750	56600	57050	57150	56950	44400
Lower Quartile	30250	31350	32450	33600	34700	35750	36850	37900	38900	40800	43400	45500	47200	48450	49300	49850	50150	50400	36850
Lower Decile	28800	29600	30400	31200	31950	32700	33450	34200	34900	36250	38100	39700	41000	42100	42950	43600	44050	44700	32700
Mean	31850	33250	34700	36150	37600	39050	40500	41950	43350	46000	49600	52550	54850	56450	57450	58000	58250	58200	46400
Raw (Unsmoothed) Statistics																			
Upper Decile	35600	36900	38750	40550	43350	46500	46750	48950	52800	56050	61200	65000	69050	72850	72600	73300	72600	74550	63200
Upper Quartile	33550	34750	36500	37900	40150	43000	43900	45500	49150	51650	54900	57700	60500	62750	63900	64900	64850	65550	53650
Median	31850	33000	34300	35700	37350	39450	40250	42000	44700	46700	48550	51150	53000	54250	56450	57200	58100	57450	44400
Lower Quartile	30450	31350	32300	33300	34500	35800	36750	37650	39500	41650	42750	45300	46350	47550	49150	50400	51300	50300	36850
Lower Decile	28500	29600	30250	30700	32150	33050	33650	34100	35550	36700	37800	40300	39650	40200	41500	44700	45900	44950	32700
Mean	32000	33200	34350	35750	37550	39550	40300	41650	44400	46800	49150	51950	53850	55500	56900	57950	58850	58700	46400
Supporting Data																			
Total Number	463	578	569	629	707	742	701	656	545	1478	865	674	626	538	538	502	472	1160	12443
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Less Than $22000	2	0	2	2	1	0	0	0	1	0	0	0	0	0	0	0	0	0	8

1990 ENGINEERING SALARY STATISTICS: SOUTH ATLANTIC STATES, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	44950	47300	49700	52100	54550	57000	59450	64150	70650	76100	80200	82950	84450	85050	85100	84200	74500
Upper Quartile	0	0	43550	45450	47400	49300	51250	53150	55000	58600	63500	67550	70650	72850	74250	75000	75300	75150	64000
Median	0	0	41900	43400	44950	46450	47900	49350	50750	53400	56950	59850	62100	63700	64800	65400	65750	65850	55150
Lower Quartile	0	0	39400	40650	41900	43100	44300	45450	46550	48650	51400	53650	55350	56600	57450	57950	58200	58350	48050
Lower Decile	0	0	35050	36250	37400	38600	39700	40800	41850	43850	46400	48450	50000	51100	51750	52100	52250	52200	42450
Mean	0	0	41150	42800	44450	46100	47750	49350	50900	53900	57900	61200	63800	65600	66800	67450	67750	67800	57200
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	44000	46450	49500	52500	53400	57650	60500	66250	69500	74300	78800	81300	85000	84250	88450	85600	74500
Upper Quartile	0	0	42250	44650	47300	49600	50850	54350	56250	59600	62300	65700	70150	72300	75650	74400	79350	74700	64000
Median	0	0	39850	42700	44800	47250	47300	50750	51600	54400	55900	58550	60750	63550	65550	65900	68650	65600	55150
Lower Quartile	0	0	37600	41100	41650	43200	43300	46050	47100	49800	50850	52700	54100	56100	58550	58200	58800	58850	48050
Lower Decile	0	0	33650	36550	36800	38350	39350	42200	41400	44950	46050	47600	48500	50050	53350	52500	52750	52650	42450
Mean	0	0	40050	42400	44300	46350	47000	50250	51450	55050	56900	60200	62800	64800	68050	67500	69800	67850	57200
Supporting Data																			
Total Number	15	55	171	374	489	492	491	609	497	1684	1208	954	873	686	651	516	394	640	10796
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	4	5	1	4	2	1	3	20
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: SOUTH ATLANTIC STATES, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	50850	53250	55650	58050	60450	65150	71650	77200	81550	84650	86600	87600	88000	87700	75300
Upper Quartile	0	0	0	0	48900	50800	52650	54500	56350	59850	64800	69050	72550	75200	77150	78450	79250	80000	64550
Median	0	0	0	0	47100	48400	49700	50950	52200	54600	57850	60750	63150	65100	66600	67750	68600	69650	55700
Lower Quartile	0	0	0	0	44750	45750	46750	47750	48700	50450	52850	54900	56550	57900	58900	59650	60200	60850	49300
Lower Decile	0	0	0	0	42150	43000	43850	44650	45400	46850	48800	50450	51800	52900	53800	54400	54900	55500	44400
Mean	0	0	0	0	46850	48350	49850	51300	52750	55500	59300	62550	65250	67350	68900	70050	70800	71650	58250
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	49850	52950	54200	58600	61800	67200	70800	74600	80350	82700	88450	87800	91400	88550	75300
Upper Quartile	0	0	0	0	48150	50300	51700	55100	57750	61250	64050	66600	72100	75250	78350	77350	82900	79950	64550
Median	0	0	0	0	45850	48250	48850	52100	53450	55650	57100	59300	62200	65400	67150	67100	71350	69950	55700
Lower Quartile	0	0	0	0	43800	45800	45500	48500	49450	51550	52500	54050	55450	57500	59400	58900	62200	61800	49300
Lower Decile	0	0	0	0	41700	43150	42450	44950	46100	47800	48200	49950	51100	52950	54350	53350	56400	56100	44400
Mean	0	0	0	0	46100	48250	48700	51900	53700	56750	58450	61200	64650	66700	70250	69350	73600	71650	58250
Supporting Data																			
Total Number	9	30	114	299	378	378	360	469	385	1310	913	671	640	455	393	302	223	285	7613
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	2	5	1	4	1	1	2	17
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: SOUTH ATLANTIC STATES, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	40000	42100	44300	46500	48700	50950	53200	57600	63800	69150	73350	76350	78200	79150	79450	79100	72750
Upper Quartile	0	0	38300	40150	42000	43900	45800	47650	49550	53200	58250	62600	66000	68450	70050	70950	71350	71350	63050
Median	0	0	35450	37050	38700	40300	41950	43550	45150	48200	52400	55900	58650	60550	61800	62450	62700	62600	53250
Lower Quartile	0	0	32950	34250	35600	36900	38200	39500	40750	43200	46550	49400	51650	53400	54600	55400	55900	56300	44150
Lower Decile	0	0	31400	32450	33500	34500	35550	36550	37500	39400	42000	44250	46150	47650	48750	49600	50200	50900	38100
Mean	0	0	35700	37300	38950	40600	42250	43900	45500	48650	52950	56650	59550	61650	63050	63900	64300	64400	54650
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	41550	43000	43500	45550	48200	52000	51550	57650	62600	73350	71650	75100	79150	78150	82000	80100	72750
Upper Quartile	0	0	39250	40900	41400	43100	45650	48200	48200	53800	57550	63500	64450	67600	71550	72300	73700	71400	63050
Median	0	0	36650	37200	37650	40100	42000	44450	43350	48950	51750	56250	56850	59950	63900	64700	62750	62800	53250
Lower Quartile	0	0	33300	34100	35100	36300	38350	41450	39000	43800	46400	48700	50050	52500	57400	57300	54900	56850	44150
Lower Decile	0	0	31250	32600	33300	34250	36000	38000	36250	39700	41250	43650	45150	46700	52300	51300	50450	50500	38100
Mean	0	0	36900	37850	38100	39900	42450	44650	43600	49150	52200	57950	57850	60950	64950	65050	64750	64800	54650
Supporting Data																			
Total Number	6	24	61	74	111	113	130	141	114	372	296	283	234	229	258	215	174	357	3184
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	1	3
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: SOUTH ATLANTIC STATES, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	58300	59850	61450	63050	66200	70950	75550	79900	84000	87700	90900	93650	98100	82650
Upper Quartile	0	0	0	0	0	56700	57650	58500	59650	61850	65350	69000	72650	76000	79000	81450	83250	85450	72800
Median	0	0	0	0	0	54400	55000	55650	56350	57750	60050	62450	64900	67300	69500	71400	73000	75200	63300
Lower Quartile	0	0	0	0	0	51200	51850	52500	53150	54400	56200	57950	59550	61050	62400	63550	64550	66150	57850
Lower Decile	0	0	0	0	0	44750	45950	47100	48200	50250	52850	54900	56350	57300	57800	58050	58100	57900	53650
Mean	0	0	0	0	0	53350	54350	55400	56400	58400	61350	64150	66800	69250	71450	73350	74950	77550	66300
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	58750	59950	61950	63800	65050	70950	77050	80650	82800	87550	88300	91650	100800	82650
Upper Quartile	0	0	0	0	0	55850	57850	59000	59700	61900	65000	69450	72850	75200	79700	80650	81650	86250	72800
Median	0	0	0	0	0	51750	53500	56100	57050	58300	60300	62550	63650	67100	70300	71100	72900	75100	63300
Lower Quartile	0	0	0	0	0	48400	50600	53400	53250	54700	56550	58300	58550	60900	62850	62650	64650	66350	57850
Lower Decile	0	0	0	0	0	33800	48350	50050	50100	51050	53250	55200	54800	56800	57500	57650	59200	58350	53650
Mean	0	0	0	0	0	50550	54250	55850	56750	58650	61500	64550	66050	68600	72600	72350	74250	77800	66300
Supporting Data																			
Total Number	2	1	3	5	14	29	42	61	85	349	430	460	411	350	367	234	180	223	3248
$125,000 or More	0	0	0	0	0	0	0	0	0	1	0	0	0	0	5	0	0	1	7
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

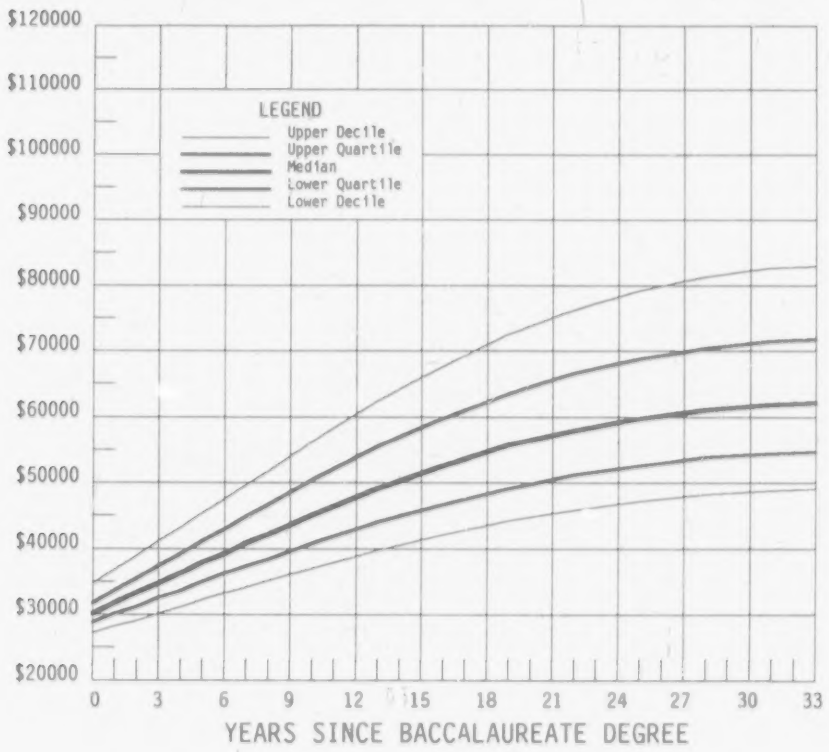
1990 ENGINEERING SALARY STATISTICS: SOUTH ATLANTIC STATES, SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	59950	61250	62600	64000	66750	71050	75400	79700	84000	88050	91750	95050	100750	82350
Upper Quartile	0	0	0	0	0	58650	59100	59700	60400	62100	65250	68850	72600	76150	79300	81900	83750	85800	72650
Median	0	0	0	0	0	57250	57300	57450	57700	58500	60250	62450	64900	67400	69800	71850	73550	75800	63150
Lower Quartile	0	0	0	0	0	54200	54450	54700	55000	55700	56850	58200	59600	61050	62400	63650	64750	66400	58250
Lower Decile	0	0	0	0	0	50850	51300	51750	52150	53000	54200	55300	56250	57150	57850	58450	58900	59550	54900
Mean	0	0	0	0	0	56500	56950	57450	58050	59350	61700	64250	66950	69550	71950	74000	75650	77750	66600
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	59600	61850	62300	64700	65900	71000	77200	79700	83150	87400	88150	93750	106950	82350
Upper Quartile	0	0	0	0	0	58000	59150	59350	60450	62300	65050	69550	71600	75850	80300	80750	82700	88100	72650
Median	0	0	0	0	0	55250	57000	56750	57800	58950	60550	62700	63300	67450	70700	71600	74350	76150	63150
Lower Quartile	0	0	0	0	0	52250	53900	54100	54950	56100	56950	58600	58850	60650	63000	62600	64800	67950	58250
Lower Decile	0	0	0	0	0	50450	50600	51700	52150	53300	53900	55750	55850	56850	58200	57600	60250	59650	54900
Mean	0	0	0	0	0	55150	56600	56850	58350	59550	61850	64[illegible]	65800	68950	73400	72450	75150	79850	66600
Supporting Data																			
Total Number	2	1	3	3	9	16	26	54	71	295	381	414	328	285	279	176	120	147	2609
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	1	6
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: SOUTH ATLANTIC STATES, NON-SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	51100	53400	55700	58000	62650	69350	75200	79950	83400	85750	87100	87850	88250	83850
Upper Quartile	0	0	0	0	0	49600	51100	52750	54450	58050	63450	68350	72350	75300	77200	78300	78850	79200	73550
Median	0	0	0	0	0	48250	49000	49850	50900	53150	56900	60600	63800	66300	68100	69200	69800	70200	64250
Lower Quartile	0	0	0	0	0	42400	43650	44900	46100	48500	51900	54900	57400	59400	60850	61850	62450	62950	54150
Lower Decile	0	0	0	0	0	36100	37750	39350	40850	43650	47100	49700	51550	52850	53700	54200	54500	54800	48350
Mean	0	0	0	0	0	46050	47800	49500	51200	54400	58750	62450	65400	67650	69250	70250	70850	71300	65150
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	52500	52800	0	57000	61650	69800	75400	83150	80100	88000	88900	88750	90750	83850
Upper Quartile	0	0	0	0	0	50250	52000	0	54250	55800	64600	68500	77300	72400	76050	80200	79350	82500	73550
Median	0	0	0	0	0	48500	50650	0	49500	52100	56750	60000	66750	65850	69400	69750	70200	72000	64250
Lower Quartile	0	0	0	0	0	40250	48800	0	43250	48550	51400	55700	55900	61400	62200	62400	64400	64450	54150
Lower Decile	0	0	0	0	0	31500	47350	0	39500	43500	47050	48950	50650	54850	52300	57250	57600	56250	48350
Mean	0	0	0	0	0	45550	50400	0	48950	53750	58700	62550	66850	66650	70150	71600	72500	73550	65150
Supporting Data																			
Total Number	0	0	0	2	5	15	16	6	15	55	51	46	83	69	88	59	60	74	638
$125,000 or More	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

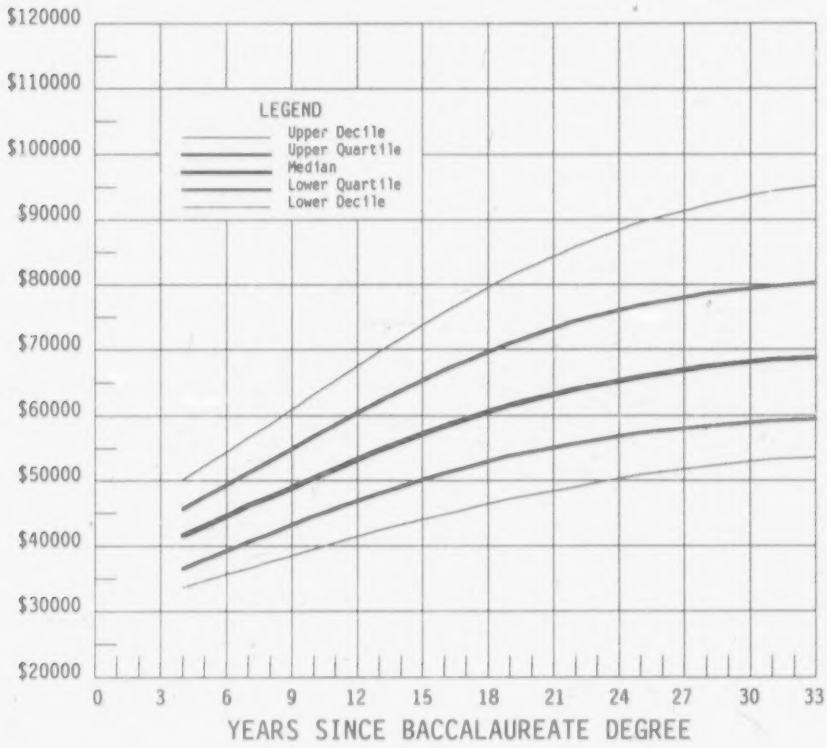
SALARY CURVES FOR ENGINEERS IN EAST SOUTH CENTRAL STATES
ALL ENGINEERS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: EAST SOUTH CENTRAL STATES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34650	36700	38800	40950	43100	45300	47500	49700	51850	56150	62300	67800	72500	76300	79250	81350	82700	84050	70750
Upper Quartile	31800	33600	35450	37300	39200	41100	43000	44850	46750	50350	55400	59850	63600	66600	68850	70450	71500	72500	59750
Median	30250	31700	33250	34750	36250	37800	39300	40800	42250	45150	49100	52650	55650	58000	59850	61150	62000	62800	49300
Lower Quartile	28800	30050	31250	32500	33700	34900	36150	37300	38500	40750	43950	46750	49150	51100	52600	53750	54500	55300	39150
Lower Decile	27150	28200	29200	30200	31200	32200	33250	34200	35200	37100	39800	42200	44300	46000	47300	48200	48850	49450	32850
Mean	30550	32050	33600	35150	36750	38300	39850	41450	43000	46000	50300	54100	57400	60050	62100	63600	64550	65500	51000
Raw (Unsmoothed) Statistics																			
Upper Decile	35400	37050	38850	38800	42800	45400	46400	50100	52450	57100	61550	68700	73350	76300	77900	80200	84500	82950	70750
Upper Quartile	32350	33800	35450	36150	38800	41000	41900	45450	47350	51100	55150	59950	63850	66300	68800	69150	73550	71250	59750
Median	31050	32000	32750	34000	35700	37400	38550	40750	43050	45450	49750	52550	55550	58750	60650	60500	61450	60950	49300
Lower Quartile	29950	29900	30700	32000	33300	34750	35300	37050	39200	41150	44550	46600	48150	51950	53850	53000	55400	53050	39150
Lower Decile	28700	28200	28300	29700	30800	31050	32450	33750	36500	37900	40500	42050	43100	47400	48000	47950	48700	47450	32850
Mean	31600	32150	33150	34150	36400	37950	38900	41250	43850	46700	50500	54350	57200	60350	62250	62850	65700	63650	51000
Supporting Data																			
Total Number	287	372	354	320	320	371	338	334	374	1030	737	908	706	751	999	543	445	797	9994
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	5	7	20
Less Than $22000	1	1	2	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	7

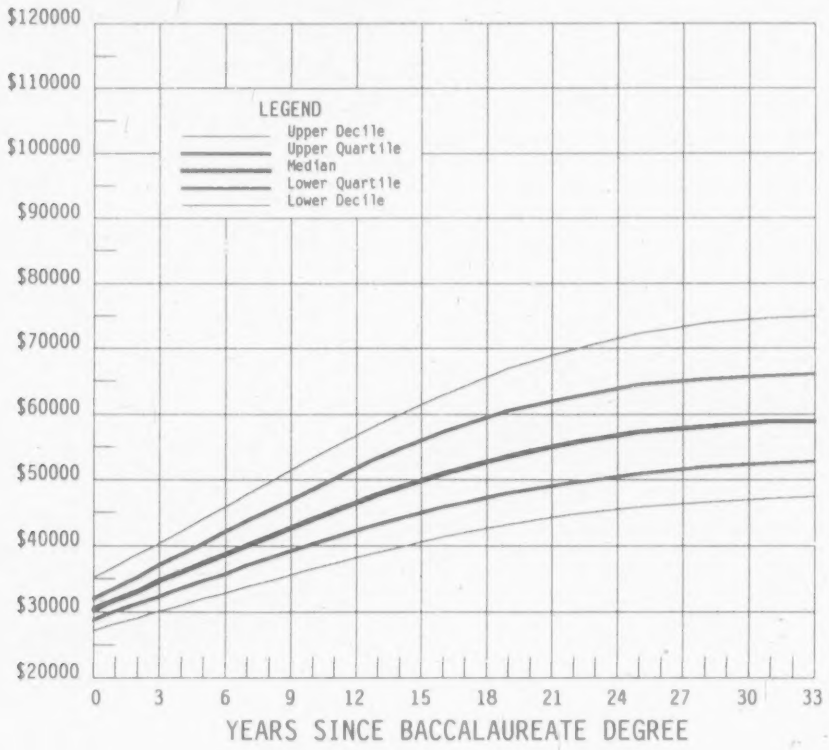
SALARY CURVES FOR ENGINEERS IN EAST SOUTH CENTRAL STATES SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: EAST SOUTH CENTRAL STATES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	0	0	0	0	50000	52150	54350	56550	58750	63200	69700	75800	81200	85800	89550	92400	94450	97200	83900
Upper Quartile	0	0	0	0	45650	47500	49400	51300	53150	56900	62200	66950	71000	74300	76850	78650	79850	81300	71950
Median	0	0	0	0	41500	43000	44550	46050	47550	50500	54650	58350	61500	64000	65950	67400	68400	69600	61000
Lower Quartile	0	0	0	0	36600	37950	39300	40600	41900	44450	48000	51150	53750	55850	57400	58500	59250	60050	51850
Lower Decile	0	0	0	0	33600	34650	35650	36600	37600	39550	42300	44900	47200	49200	50900	52300	53350	54750	44200
Mean	0	0	0	0	41950	43500	45100	46650	48250	51350	55800	59850	63400	66400	68750	70600	71950	73700	63350
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	0	0	0	0	59000	49400	50150	52400	60800	63650	70750	79500	82650	84250	84050	93350	98400	96950	83900
Upper Quartile	0	0	0	0	54900	45500	44750	49500	54250	56900	63100	69400	71900	73700	74000	76350	82550	80750	71950
Median	0	0	0	0	47500	42100	41450	45000	46650	50500	56400	59550	61750	62950	65750	64000	68200	69550	61000
Lower Quartile	0	0	0	0	40250	35800	38250	39500	42350	44100	50050	52200	52200	55550	58000	55750	58700	59500	51850
Lower Decile	0	0	0	0	36500	34250	36550	34600	38300	38950	42650	45450	46650	49200	51700	50150	55000	52300	44200
Mean	0	0	0	0	48500	41550	42200	44350	48900	51550	57050	61500	63700	65800	66950	68250	74000	73100	63350
---------- Supporting Data ----------																			
Total Number	3	4	9	3	15	26	39	44	54	204	182	277	271	297	462	200	179	249	2527
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	5	7	20
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SALARY CURVES FOR ENGINEERS IN EAST SOUTH CENTRAL STATES NON-SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: EAST SOUTH CENTRAL STATES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	35100	36800	38550	40300	42150	44000	45850	47700	49550	53200	58400	63050	66900	69950	72200	73750	74700	75650	63500
Upper Quartile	32100	33650	35300	36950	38600	40300	42000	43700	45350	48650	53250	57200	60450	62800	64450	65450	66000	66250	55150
Median	30450	31800	33150	34550	35900	37300	38700	40100	41450	44100	47800	51050	53700	55750	57200	58250	58850	59500	45600
Lower Quartile	28900	30050	31200	32400	33550	34700	35850	37000	38100	40250	43200	45750	47900	49650	51000	51950	52550	53150	36750
Lower Decile	27300	28200	29150	30050	31000	31900	32850	33750	34700	36450	39000	41250	43200	44750	45900	46750	47300	47750	31800
Mean	30700	32050	33450	34850	36250	37650	39100	40500	41900	44600	48400	51700	54450	56600	58100	59150	59850	60500	46850
Raw (Unsmoothed) Statistics																			
Upper Decile	35350	36900	38550	38800	41000	44900	46000	48950	50200	54500	57150	62400	65800	69450	71550	74500	76050	75000	63500
Upper Quartile	32200	33750	35350	36100	38100	40600	41000	44300	46650	49700	52650	56750	59300	62850	63400	66150	66750	65800	55150
Median	31000	31950	32700	33950	35450	37250	38200	40250	42500	44600	48150	50200	52550	56700	57400	58500	58750	58450	45600
Lower Quartile	29950	29850	30650	31950	33150	34650	34950	36950	38900	40850	43950	45450	46450	50450	51500	52100	52600	51550	36750
Lower Decile	28700	28200	28250	29650	30550	30800	32050	33200	36250	37550	39500	41350	41600	45450	46700	47250	46150	46000	31800
Mean	31550	32050	32950	34100	35650	37650	38450	40600	43000	45500	48350	51250	53200	57000	58100	59700	60200	59400	46850
Supporting Data																			
Total Number	284	368	346	317	301	344	298	287	319	825	557	632	433	457	535	343	268	546	7468
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	1	1	2	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	7

1990 ENGINEERING SALARY STATISTICS: EAST SOUTH CENTRAL STATES, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34550	36500	38500	40550	42700	44850	47050	49300	51500	55900	62150	67600	72000	75200	77250	78350	78850	78700	66850
Upper Quartile	31650	33350	35100	36900	38750	40600	42500	44350	46250	49900	54950	59250	62600	64900	66300	67000	67200	66800	56850
Median	30250	31650	33100	34550	35950	37400	38800	40200	41600	44250	47950	51200	53900	56000	57600	58700	59400	60000	46200
Lower Quartile	28900	30050	31150	32300	33450	34600	35700	36800	37900	40000	43000	45600	47850	49650	51000	52000	52700	53300	36800
Lower Decile	27300	28150	29050	29950	30850	31750	32700	33600	34500	36300	38850	41150	43150	44800	46000	46900	47450	47950	31750
Mean	30400	31900	33400	34950	36450	38000	39500	41000	42500	45400	49400	53000	55950	58350	60100	61350	62150	62800	48300
Raw (Unsmoothed) Statistics																			
Upper Decile	34850	36950	38950	38050	42750	45200	45550	50650	52700	56350	61450	68900	72600	74000	75200	76350	83200	79400	66850
Upper Quartile	31900	33650	35200	35900	38400	40500	41050	45300	47150	50500	54700	59250	62650	64400	66400	65400	68850	67100	56850
Median	30900	31900	32700	33800	35450	37100	38250	40150	42500	44650	48550	50850	53650	57550	58700	57550	58850	58650	46200
Lower Quartile	29850	29850	30650	31950	33100	34500	34900	36550	38700	40550	43400	45350	46650	50850	52350	51150	53700	51700	36800
Lower Decile	28650	28200	28150	29550	30350	30600	31950	33350	36150	37250	38850	41300	42000	46250	46700	46700	47450	46400	31750
Mean	31250	32000	33050	34000	36200	37600	38400	41000	43550	46000	49750	53350	55950	58800	60250	59950	63450	61650	48300
Supporting Data																			
Total Number	271	359	333	296	283	315	277	270	304	798	489	574	452	450	605	340	294	533	7241
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	2	7	12
Less Than $22000	1	1	2	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	7

1990 ENGINEERING SALARY STATISTICS: EAST SOUTH CENTRAL STATES, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	51000	53000	55050	57100	59150	63200	69150	74700	79650	83950	87450	90250	92300	95200	80750
Upper Quartile	0	0	0	0	45650	47450	49250	51050	52850	56350	61300	65650	69300	72150	74300	75800	76800	77850	68650
Median	0	0	0	0	41450	42900	44350	45800	47200	49900	53650	56900	59600	61700	63250	64350	65050	65850	58500
Lower Quartile	0	0	0	0	36050	37250	38450	39600	40800	43050	46300	49150	51650	53750	55400	56650	57600	58850	49700
Lower Decile	0	0	0	0	33900	34800	35650	36550	37400	39150	41600	43950	46050	47900	49400	50600	51450	52400	42350
Mean	0	0	0	0	42050	43500	44950	46400	47850	50700	54750	58400	61550	64200	66350	68000	69200	70800	60800
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	59000	50000	50300	52800	61750	63350	71450	79700	81300	80700	80850	89500	97750	97000	80750
Upper Quartile	0	0	0	0	54900	45000	44300	50550	54600	55600	62650	69200	70650	70000	71300	73100	80100	78000	68650
Median	0	0	0	0	47500	42000	41300	45500	47250	49350	55650	58000	58750	61450	63750	62250	62800	66000	58500
Lower Quartile	0	0	0	0	40250	36000	38150	35700	42400	43350	46900	49050	50650	54900	56100	54300	57350	57700	49700
Lower Decile	0	0	0	0	36500	34000	36500	34400	37850	38800	41800	44150	45850	49300	48500	50250	53900	49700	42350
Mean	0	0	0	0	48500	41400	42050	44350	49250	50400	56450	60100	61950	63550	64450	65500	70450	71000	60800
Supporting Data																			
Total Number	3	4	9	3	15	20	38	35	47	166	127	188	182	196	280	133	127	172	1750
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	2	7	12
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: EAST SOUTH CENTRAL STATES, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34650	36400	38200	40000	41850	43700	45600	47450	49300	52900	57850	62150	65500	67950	69500	70400	70850	70850	59900
Upper Quartile	31800	33400	35000	36650	38300	39950	41600	43250	44900	48100	52400	56100	58950	60950	62200	62900	63150	63050	51800
Median	30450	31700	33000	34300	35600	36950	38250	39550	40800	43250	46650	49600	52000	53800	55150	56050	56650	57200	42500
Lower Quartile	28900	30000	31100	32200	33300	34350	35450	36500	37550	39550	42300	44700	46700	48250	49450	50300	50850	51550	34900
Lower Decile	27400	28150	28950	29800	30600	31450	32300	33100	33950	35650	38000	40200	42100	43650	44800	45650	46150	46650	30900
Mean	30550	31850	33200	34600	35950	37350	38700	40050	41400	43950	47550	50600	53050	54900	56200	57050	57550	58000	44250
Raw (Unsmoothed) Statistics																			
Upper Decile	34750	36850	38600	38000	40800	44650	44600	49300	49850	53950	56850	61650	65150	68200	67750	69200	73500	70350	59900
Upper Quartile	31900	33650	35050	35850	37800	40100	40550	43800	46250	49000	51950	55350	58550	61000	61350	62100	64000	62700	51800
Median	30900	31850	32600	33800	35200	36950	37800	39750	41650	43800	46850	48850	50550	54950	55950	54950	56700	56300	42500
Lower Quartile	29850	29800	30550	31900	32950	34450	34550	36600	38400	40100	42700	44300	44850	49150	50450	49850	50650	50500	34900
Lower Decile	28650	28150	28100	29500	30100	30400	31250	32850	35800	36900	37900	40600	40600	43800	46000	45700	45400	44700	30900
Mean	31200	32000	32800	33950	35350	37300	37800	40300	42450	44850	47350	50150	51950	55400	56600	56550	58050	56900	44250
Supporting Data																			
Total Number	269	356	324	292	266	294	240	233	254	630	364	384	269	253	325	206	164	361	5490
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	1	1	2	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	7

1990 ENGINEERING SALARY STATISTICS: EAST SOUTH CENTRAL STATES, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	38550	40550	42550	44650	46800	48950	51150	55550	62050	68100	73400	77800	81200	83650	85300	87150	74800
Upper Quartile	0	0	37200	38800	40450	42100	43800	45500	47200	50600	55550	60150	64300	67850	70750	73000	74650	76900	63550
Median	0	0	34800	36250	37700	39150	40650	42100	43500	46300	50250	53800	56900	59450	61500	63050	64200	65550	54050
Lower Quartile	0	0	32750	34000	35200	36400	37650	38850	40000	42350	45650	48550	51050	53150	54750	56000	56850	58000	45750
Lower Decile	0	0	30650	31750	32850	34000	35050	36150	37200	39250	42100	44550	46550	48100	49250	50050	50600	51200	39200
Mean	0	0	34800	36300	37800	39350	40900	42450	44050	47100	51500	55450	58900	61750	63900	65550	66650	68000	56100
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	37950	40800	42600	45200	46850	46700	49150	58250	61500	67300	74500	76850	80300	82900	91600	84350	74800
Upper Quartile	0	0	37050	39200	39850	42800	43050	44800	46100	51900	55300	60100	64450	66650	71300	71600	77100	74950	63550
Median	0	0	35250	36600	37250	39500	39300	42000	43400	47100	50200	53650	56000	59250	62700	62850	64400	63300	54050
Lower Quartile	0	0	32150	34100	34850	36250	36750	39050	41450	42600	46400	48450	49650	52150	55350	56750	57450	56550	45750
Lower Decile	0	0	30050	30750	32950	34350	34750	35400	39000	39600	42850	44100	44900	47600	50050	51050	51050	49600	39200
Mean	0	0	34650	36300	37550	39600	40150	41550	43900	48600	51400	55200	58150	60800	64300	66200	68700	65800	56100
Supporting Data																			
Total Number	14	13	21	25	34	54	53	54	57	182	203	269	190	211	283	125	94	169	2055
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	2	0	7
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: EAST SOUTH CENTRAL STATES, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	65850	70550	75350	80250	85150	89850	94300	98300	105300	86450
Upper Quartile	0	0	0	0	0	0	0	0	0	61450	64100	67250	70800	74650	78700	82750	86550	93850	75050
Median	0	0	0	0	0	0	0	0	0	55200	57200	59650	62450	65550	68800	72100	75200	81150	64700
Lower Quartile	0	0	0	0	0	0	0	0	0	51250	52250	53800	55800	58150	60750	63450	66050	71100	56350
Lower Decile	0	0	0	0	0	0	0	0	0	44000	45700	47600	49750	52000	54250	56500	58600	62400	49100
Mean	0	0	0	0	0	0	0	0	0	58050	59600	61800	64500	67650	71050	74600	78050	84800	67250
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	66000	68400	76800	83500	85650	85700	97500	108750	91750	86450
Upper Quartile	0	0	0	0	0	0	0	0	0	60200	63900	68000	74350	74650	76100	79500	92750	84600	75050
Median	0	0	0	0	0	0	0	0	0	52850	58000	61100	65450	64400	67400	66500	77500	75350	64700
Lower Quartile	0	0	0	0	0	0	0	0	0	49800	51900	56000	57250	56000	60600	59250	69250	64350	56350
Lower Decile	0	0	0	0	0	0	0	0	0	40500	49350	49800	49550	48900	54900	50750	65050	56400	49100
Mean	0	0	0	0	0	0	0	0	0	57150	58800	63350	66800	66500	69500	72450	83900	75500	67250
Supporting Data																			
Total Number	0	0	0	0	0	5	0	8	5	35	49	76	74	76	147	45	33	53	613
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	2	0	7
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: EAST SOUTH CENTRAL STATES, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	39550	41050	42550	44100	45700	47250	48850	52050	56800	61350	65600	69450	72800	75600	77850	81300	65800
Upper Quartile	0	0	37850	39200	40550	41950	43300	44700	46100	48800	52800	56450	59800	62750	65200	67200	68750	71050	58300
Median	0	0	35550	36700	37900	39050	40250	41400	42550	44900	48200	51350	54200	56750	58900	60700	62150	64300	50350
Lower Quartile	0	0	33300	34350	35400	36400	37450	38500	39500	41500	44400	47100	49500	51650	53450	54950	56100	57900	43150
Lower Decile	0	0	31200	32150	33050	34000	34900	35800	36700	38400	40800	43000	44900	46500	47800	48850	49650	50800	37500
Mean	0	0	35550	36750	37950	39150	40400	41600	42850	45250	48700	51950	54850	57450	59600	61400	62800	64850	51300
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	37950	40800	41700	44150	46400	46400	48950	54150	56450	62000	62700	68350	72250	76250	76100	76450	65800
Upper Quartile	0	0	37050	39200	39600	42500	42700	43750	46150	50500	52900	56950	57800	62650	63800	68300	64200	67600	58300
Median	0	0	35250	36600	37100	39100	39200	41250	43400	45900	48800	51500	52100	57200	57900	61000	59300	60650	50350
Lower Quartile	0	0	32150	34100	34750	36350	36750	38500	41300	42200	45350	47050	47850	51250	51650	56350	54400	54750	43150
Lower Decile	0	0	30050	30750	32900	34250	34750	34400	38800	39500	42000	42500	42950	46050	46300	51100	47900	48000	37500
Mean	0	0	34650	36300	37300	39300	40000	40800	43800	46650	49100	52100	52650	57350	58400	62400	59800	61400	51300
Supporting Data																			
Total Number	14	13	21	25	33	48	52	44	51	149	156	194	116	134	133	78	59	113	1444
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

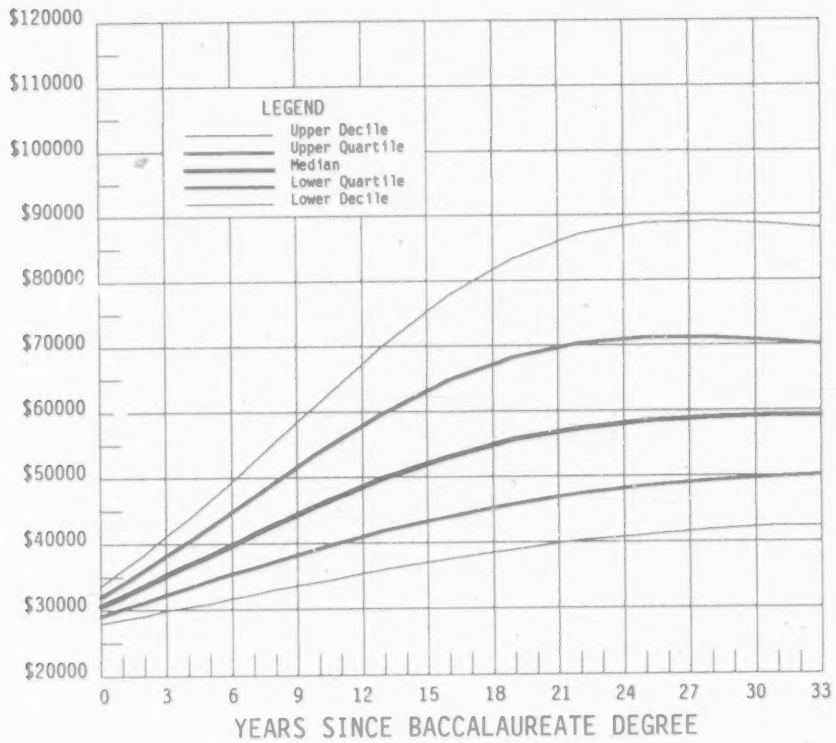
1990 ENGINEERING SALARY STATISTICS: EAST SOUTH CENTRAL STATES, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	50800	52650	54550	58350	64050	69550	74750	79450	83500	86800	89350	92500	82250
Upper Quartile	0	0	0	0	0	0	49000	50400	51850	54700	59000	63300	67400	71150	74500	77250	79400	82100	72250
Median	0	0	0	0	0	0	46350	47450	48500	50700	54100	57450	60700	63700	66350	68550	70250	72450	63200
Lower Quartile	0	0	0	0	0	0	45050	45850	46700	48350	50900	53450	55950	58250	60350	62150	63600	65650	55150
Lower Decile	0	0	0	0	0	0	43050	43600	44200	45450	47450	49500	51550	53500	55200	56650	57800	59250	48900
Mean	0	0	0	0	0	0	46650	47850	49100	51550	55250	58900	62400	65550	68350	70650	72450	74700	64650
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	53000	0	54800	58550	59900	69350	76800	83150	83450	85350	85000	91600	82250
Upper Quartile	0	0	0	0	0	0	50750	0	51500	54900	56750	63100	68000	72650	74850	77750	77600	79750	72250
Median	0	0	0	0	0	0	48500	0	49000	49750	53300	57700	61200	64300	66500	68350	70850	70000	63200
Lower Quartile	0	0	0	0	0	0	46500	0	47250	47550	50800	53300	56950	57550	60550	63000	64350	63300	55150
Lower Decile	0	0	0	0	0	0	45000	0	44600	44550	47900	47850	53600	52600	56300	57100	58650	56550	48900
Mean	0	0	0	0	0	0	48800	0	49200	50900	54200	58700	63050	66500	68750	70900	71450	72450	64650
Supporting Data																			
Total Number	1	0	0	0	2	2	10	9	14	49	42	60	64	92	112	78	60	94	691
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: EAST SOUTH CENTRAL STATES, NON-SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	56000	57850	60950	64500	68400	72600	76950	81250	85300	93000	75950
Upper Quartile	0	0	0	0	0	0	0	0	52050	53950	57050	60300	63700	67150	70500	73750	76650	81900	67550
Median	0	0	0	0	0	0	0	0	48400	50200	53050	55900	58750	61550	64200	66650	68800	72550	60150
Lower Quartile	0	0	0	0	0	0	0	0	47100	48200	50000	52000	54200	56450	58700	60900	62900	66550	53500
Lower Decile	0	0	0	0	0	0	0	0	43800	45100	47050	49000	50950	52750	54500	56050	57400	59700	48150
Mean	0	0	0	0	0	0	0	0	49400	51050	53700	56450	59350	62250	65100	67800	70200	74550	61400
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	54200	58350	60200	65000	69100	73850	75800	81500	81150	87500	75950
Upper Quartile	0	0	0	0	0	0	0	0	51500	54050	56700	60750	64850	67100	70000	74000	74150	76400	67550
Median	0	0	0	0	0	0	0	0	49000	49550	53150	56600	59550	61250	64000	66600	67350	67400	60150
Lower Quartile	0	0	0	0	0	0	0	0	47250	47550	50850	51500	56800	55550	58450	60500	61850	62000	53500
Lower Decile	0	0	0	0	0	0	0	0	44600	44400	48400	47450	53450	51350	54900	56700	57550	54500	48150
Mean	0	0	0	0	0	0	0	0	49200	50650	54450	56200	60700	62000	64700	67950	68250	69450	61400
Supporting Data																			
Total Number	1	0	0	0	2	2	9	9	14	45	39	50	46	67	74	58	43	70	535
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

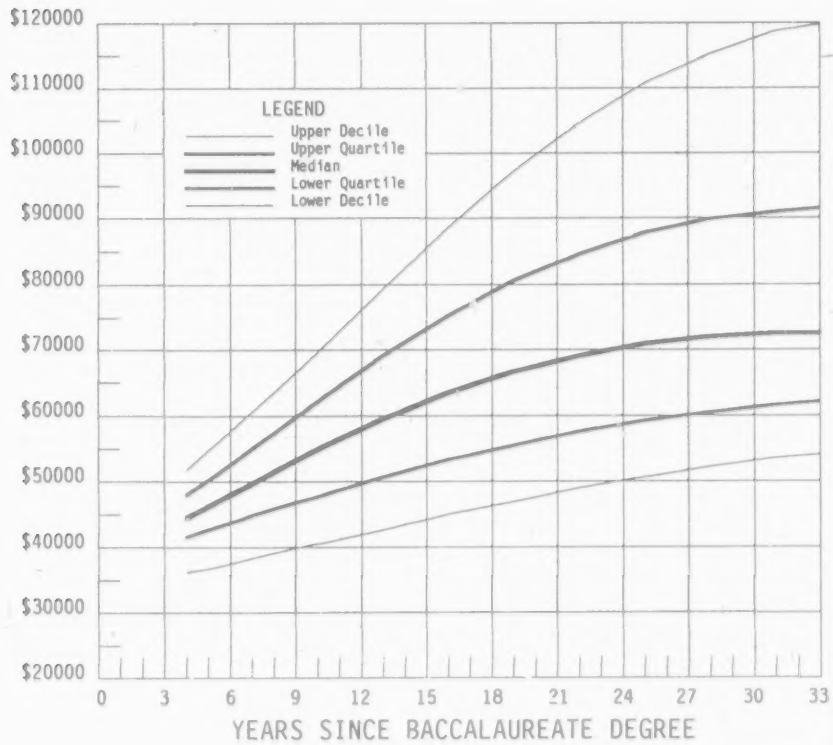
SALARY CURVES FOR ENGINEERS IN WEST SOUTH CENTRAL STATES
ALL ENGINEERS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: WEST SOUTH CENTRAL STATES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33700	36000	38450	41050	43700	46500	49400	52350	55350	61400	70150	77750	83500	87150	88850	89100	88500	86100	69750
Upper Quartile	31950	33950	36000	38100	40300	42500	44750	47050	49300	53750	59850	64800	68300	70400	71200	71150	70600	68800	56750
Median	30600	32100	33600	35150	36700	38250	39800	41350	42850	45750	49750	53050	55600	57350	58450	59050	59250	59050	44200
Lower Quartile	29150	30200	31250	32300	33300	34350	35350	36350	37350	39250	41850	44050	45950	47400	48500	49300	49850	50550	36000
Lower Decile	28000	28600	29200	29800	30450	31050	31700	32300	32950	34150	35900	37550	38950	40200	41150	41900	42400	42900	31600
Mean	30650	32200	33800	35450	37100	38800	40450	42150	43850	47100	51650	55550	58650	60900	62400	63200	63600	63650	48500
Raw (Unsmoothed) Statistics																			
Upper Decile	35000	36800	38750	39950	41500	45400	48200	53100	57050	63300	69850	76700	80600	89850	89850	93850	89400	83150	69750
Upper Quartile	33150	34650	36000	37250	38850	40800	43250	47700	51250	55750	59500	64950	66550	69850	71350	72000	70150	68900	56750
Median	31350	32300	33300	34800	36250	37250	38600	41650	44900	46750	49900	52250	53400	56950	59150	60600	59750	58850	44200
Lower Quartile	29700	30400	31000	31850	33250	34000	34600	36700	38100	39700	41400	43850	44750	47900	50550	49950	50000	49650	36000
Lower Decile	28450	28400	29100	29250	30600	31150	30950	32200	33900	34900	35350	37250	37500	39850	42000	43750	43450	42100	31600
Mean	31600	32650	33900	34750	36300	37900	39200	42350	45100	48150	51450	55350	57200	61650	63850	64850	63550	62400	48500
Supporting Data																			
Total Number	574	613	644	873	915	873	853	853	933	2097	1379	1120	987	885	736	632	680	1046	16691
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	4	11	12	12	12	18	72
Less Than $22000	4	1	1	1	0	1	1	1	0	1	0	0	0	0	0	0	0	0	12

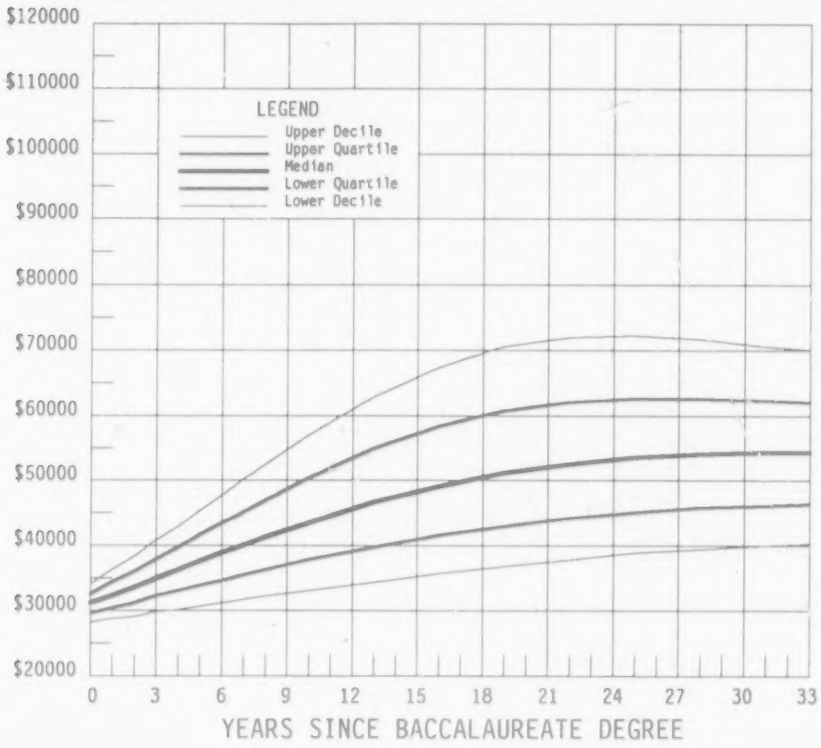
SALARY CURVES FOR ENGINEERS IN WEST SOUTH CENTRAL STATES
SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: WEST SOUTH CENTRAL STATES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	51800	54600	57500	60450	63450	69700	79200	88500	97100	104550	110650	115300	118650	122850	95100
Upper Quartile	0	0	0	0	47900	50200	52550	54950	57300	62050	68950	75150	80450	84650	87700	89750	91050	92200	74900
Median	0	0	0	0	44400	46200	47950	49700	51450	54850	59500	63500	66750	69200	70900	71950	72550	73000	62150
Lower Quartile	0	0	0	0	41700	42750	43800	44850	45850	47800	50650	53200	55500	57500	59200	60600	61700	63400	51700
Lower Decile	0	0	0	0	36150	36850	37600	38350	39100	40600	42800	44950	47000	48950	50750	52350	53700	55950	43950
Mean	0	0	0	0	44150	46000	47850	49750	51600	55350	60700	65650	69900	73450	76200	78250	79700	81450	66550
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	56600	55100	55050	58850	62600	71100	79600	86100	94900	109450	114550	112900	114250	117850	95100
Upper Quartile	0	0	0	0	48950	49250	51500	54250	56900	62750	69750	75300	78000	85600	88750	88750	88350	89700	74900
Median	0	0	0	0	44900	45700	47500	49050	50750	55150	60100	65150	65850	68200	70950	69900	70750	72100	62150
Lower Quartile	0	0	0	0	37850	41500	41750	44700	46100	48350	53250	53400	53100	55650	59700	58850	61800	62900	51700
Lower Decile	0	0	0	0	34700	37600	33850	39550	39350	40800	43800	45100	45700	48300	53750	48250	53200	55550	43950
Mean	0	0	0	0	44100	46300	46700	49150	51300	55700	61750	65800	68250	73650	77550	76150	77800	79650	66550
Supporting Data																			
Total Number	1	3	8	11	27	36	66	121	167	482	407	405	342	365	287	265	236	306	3550
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	4	11	12	11	12	18	71
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SALARY CURVES FOR ENGINEERS IN WEST SOUTH CENTRAL STATES
NON-SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: WEST SOUTH CENTRAL STATES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34150	36250	38450	40700	43000	45350	47750	50100	52450	56950	62950	67600	70600	72000	72250	71650	70650	68300	60500
Upper Quartile	32550	34300	36050	37900	39700	41550	43400	45200	47000	50400	54900	58400	60800	62200	62750	62700	62350	61150	50550
Median	31100	32350	33650	34950	36250	37500	38800	40050	41250	43550	46650	49200	51200	52600	53500	54050	54300	54400	40500
Lower Quartile	29550	30450	31300	32200	33050	33900	34750	35550	36350	37850	39850	41600	43050	44200	45100	45750	46200	46800	34550
Lower Decile	28200	28700	29200	29750	30250	30750	31250	31700	32200	33150	34500	35800	36900	37900	38800	39500	40050	40750	30900
Mean	31050	32400	33800	35200	36600	38000	39400	40750	42050	44550	47900	50600	52650	54050	54850	55250	55400	55150	43650
Raw (Unsmoothed) Statistics																			
Upper Decile	35000	36750	38600	39800	40900	44450	46750	51450	55150	59850	62200	65750	68400	69150	71250	72050	70900	69950	60500
Upper Quartile	33150	34600	35950	37200	38650	40500	42500	46200	49600	52500	54200	56050	58900	60700	62250	64250	62650	62150	50550
Median	31350	32250	33300	34800	36150	37050	38200	40550	43150	44400	45850	47950	49550	52000	54150	55500	54600	54800	40500
Lower Quartile	29700	30400	30950	31850	33150	33850	34400	36200	37250	38500	38900	40750	41800	43300	46750	47300	47450	46300	34550
Lower Decile	28450	28350	29100	29200	30600	31050	30650	31750	33100	33900	33750	35250	35750	37050	38750	40600	41600	40850	30900
Mean	31600	32600	33700	34650	36050	37500	38550	41200	43750	45900	47200	49550	51350	52950	55250	56850	56000	55250	43650
Supporting Data																			
Total Number	574	609	638	861	888	836	786	731	763	1614	971	714	642	517	452	368	441	740	13143
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Less Than $22000	4	1	1	1	0	1	1	1	0	1	0	0	0	0	0	0	0	0	12

1990 ENGINEERING SALARY STATISTICS: WEST SOUTH CENTRAL STATES, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33150	35450	37850	40350	43000	45750	48600	51550	54500	60500	69250	76850	82700	86450	88250	88600	88050	85750	67450
Upper Quartile	31650	33650	35700	37800	39950	42200	44450	46700	48950	53400	59400	64300	67700	69600	70300	70150	69500	67600	54900
Median	30400	31900	33400	34900	36450	38000	39500	41000	42500	45350	49200	52400	54800	56450	57400	57900	58000	57700	42500
Lower Quartile	29200	30150	31100	32100	33050	34000	34950	35900	36800	38600	41050	43250	45050	46500	47600	48350	48850	49300	35050
Lower Decile	28000	28550	29100	29700	30250	30800	31350	31950	32500	33600	35200	36650	38000	39150	40100	40800	41350	41950	31050
Mean	30300	31850	33450	35050	36700	38350	40000	41650	43300	46500	50950	54750	57800	59950	61350	62150	62500	62500	46950
Raw (Unsmoothed) Statistics																			
Upper Decile	34300	35800	37950	39500	41000	44350	47500	52700	56850	62850	69050	75300	78350	85600	88600	94150	91950	83600	67450
Upper Quartile	32900	34150	35600	37050	38550	40350	42850	47350	51200	55350	59200	64350	65700	68850	70050	71400	70100	67200	54900
Median	31200	32000	33000	34550	36000	36800	38350	41600	44750	46400	49050	51450	52650	55700	58750	59300	59000	57350	42500
Lower Quartile	29600	30350	30800	31650	32950	33600	34350	36250	37750	39050	40600	43100	43700	47150	49850	48700	49200	48200	35050
Lower Decile	28400	28500	28900	29300	30350	30850	30450	31650	33500	34350	34750	36550	36300	38750	40750	42300	42800	41350	31050
Mean	31250	32200	33300	34400	35950	37200	38750	42000	44900	47700	50700	54400	56000	59950	62800	63700	63450	61400	46950
Supporting Data																			
Total Number	541	554	578	773	801	742	730	716	823	1781	1138	881	750	625	505	417	483	799	13636
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	4	6	6	11	14	42
Less Than $22000	4	1	1	1	0	1	1	1	0	1	0	0	0	0	0	0	0	0	12

1990 ENGINEERING SALARY STATISTICS: WEST SOUTH CENTRAL STATES, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	52550	55000	57550	60150	62850	68300	76800	85300	93550	101200	108000	113850	118550	125700	90600
Upper Quartile	0	0	0	0	49050	51000	53000	55000	57050	61100	67150	72900	78250	83000	87050	90350	92950	96750	72900
Median	0	0	0	0	44950	46550	48150	49750	51300	54300	58500	62200	65300	67750	69600	70950	71850	72900	60350
Lower Quartile	0	0	0	0	42550	43350	44150	44900	45700	47250	49600	51800	53950	55900	57750	59350	60700	62900	50350
Lower Decile	0	0	0	0	36250	36900	37550	38200	38850	40150	42150	44150	46100	47950	49750	51300	52700	55050	43000
Mean	0	0	0	0	44850	46450	48050	49650	51250	54500	59250	63700	67850	71500	74650	77300	79350	82450	64450
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	56600	52700	54100	58100	62600	70500	77800	83950	90200	102200	110550	111050	115950	119100	90600
Upper Quartile	0	0	0	0	48950	48700	50950	53250	56950	62600	68750	74200	75150	81150	85000	88950	90400	94800	72900
Median	0	0	0	0	44900	45300	47000	48250	50850	55100	59650	64200	63750	65500	68400	68750	70450	71000	60350
Lower Quartile	0	0	0	0	37850	41500	41250	44550	46050	48450	52050	52450	50550	53750	58000	56200	61650	61550	50350
Lower Decile	0	0	0	0	34700	37200	33750	39200	39600	40300	43450	44000	44800	47250	53100	46500	51950	53500	43000
Mean	0	0	0	0	44100	45100	45850	48650	51400	55500	60600	64300	65650	70250	74450	74550	78200	79850	64450
Supporting Data																			
Total Number	1	3	6	9	27	32	62	108	162	431	362	341	277	286	216	194	186	225	2947
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	4	6	6	11	14	42
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: WEST SOUTH CENTRAL STATES, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33550	35650	37850	40050	42350	44700	47050	49400	51750	56200	62150	66700	69600	70900	71050	70350	69300	66350	58400
Upper Quartile	32300	34000	35750	37500	39300	41100	42900	44700	46400	49700	54100	57500	59850	61250	61800	61750	61400	60300	48450
Median	30950	32150	33400	34650	35900	37100	38300	39500	40650	42850	45800	48250	50200	51550	52500	53100	53400	53550	39100
Lower Quartile	29600	30400	31150	31950	32750	33500	34250	34950	35700	37050	38900	40500	41900	43000	43900	44600	45100	45800	33700
Lower Decile	28300	28750	29150	29600	30000	30450	30850	31250	31650	32500	33650	34750	35800	36750	37600	38300	38950	39950	30500
Mean	30750	32100	33450	34800	36150	37500	38800	40100	41400	43800	47000	49600	51550	52900	53700	54100	54200	54050	42150
Raw (Unsmoothed) Statistics																			
Upper Decile	34250	35800	37900	39400	40700	43550	45950	51100	54900	59200	60850	63850	67400	67600	68500	70250	69500	68200	58400
Upper Quartile	32900	34150	35550	37000	38300	39950	41950	45850	49400	51900	53050	54600	58150	59550	61250	62150	61050	61000	48450
Median	31150	32000	32950	34500	35850	36600	37900	40400	42700	43700	44450	47200	48600	50000	53400	54000	53400	53750	39100
Lower Quartile	29600	30350	30750	31600	32850	33450	34100	35600	36700	37800	37950	39800	40100	41550	44950	45700	46350	45450	33700
Lower Decile	28400	28500	28900	29250	30300	30750	30150	31250	32650	33350	33000	34650	34550	34350	37400	38800	40150	40150	30500
Mean	31200	32150	33200	34350	35650	36850	38050	40800	43300	45200	46100	48150	50200	51300	53800	54800	54300	54150	42150
Supporting Data																			
Total Number	540	552	572	760	774	710	667	606	661	1346	772	538	472	340	285	223	297	569	10692
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Less Than $22000	4	1	1	1	0	1	1	1	0	1	0	0	0	0	0	0	0	0	12

1990 ENGINEERING SALARY STATISTICS: WEST SOUTH CENTRAL STATES, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	41100	43700	46400	49150	51950	54800	57650	63300	71150	77650	82300	85000	86050	85850	85050	82550	73750
Upper Quartile	0	0	37450	39500	41550	43650	45750	47850	49950	54050	59600	64200	67550	69650	70700	70950	70700	69600	61500
Median	0	0	35250	36700	38150	39600	41050	42450	43850	46550	50250	53400	55950	57850	59200	60050	60550	60950	49650
Lower Quartile	0	0	33400	34450	35450	36500	37500	38450	39400	41250	43800	46050	47950	49450	50650	51600	52250	53100	40450
Lower Decile	0	0	30450	31400	32350	33300	34200	35100	35950	37550	39600	41300	42600	43500	44150	44500	44700	44800	35850
Mean	0	0	35900	37550	39200	40850	42500	44150	45750	48900	53150	56800	59650	61650	63000	63700	64050	64050	53250
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	48200	42900	43850	48050	49900	54650	55700	65250	69850	76350	83500	85000	95000	89000	81250	80650	73750
Upper Quartile	0	0	39650	38500	40100	43050	44900	48550	49950	56750	59000	62850	66800	68600	71600	71100	68600	72600	61500
Median	0	0	36600	36450	37750	39350	39850	41600	44800	47300	51550	53050	54200	57450	58800	61650	60400	62000	49650
Lower Quartile	0	0	34300	34450	35550	36750	35400	37750	39750	42250	44750	45100	47050	49400	50500	53350	51750	53750	40450
Lower Decile	0	0	32350	27950	33450	34200	33200	36100	36850	38650	39000	39800	42500	42000	44750	46050	45700	44950	35850
Mean	0	0	39000	36750	38350	40750	41050	43600	45700	49850	53400	55850	59600	61550	64700	65600	62400	64400	53250
Supporting Data																			
Total Number	27	50	68	97	113	119	113	131	97	276	207	195	185	210	190	182	165	221	2642
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	3	3	5	5	0	3	19
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: WEST SOUTH CENTRAL STATES, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	60700	64950	73750	87000	98850	107800	113050	114850	114200	112150	106600	106750
Upper Quartile	0	0	0	0	0	0	0	54000	57750	65300	76000	84600	89800	91600	90650	88200	85150	79050	80750
Median	0	0	0	0	0	0	0	49350	51650	56150	62200	67050	70400	72250	72850	72650	71950	70000	68950
Lower Quartile	0	0	0	0	0	0	0	41550	43650	47750	53400	58100	61500	63550	64400	64400	63950	62350	59500
Lower Decile	0	0	0	0	0	0	0	40000	41500	44350	48250	51500	54100	55900	57050	57700	57950	57900	51050
Mean	0	0	0	0	0	0	0	49450	52350	58150	66350	73100	77700	80100	80650	79900	78500	75100	73950
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	61600	0	75050	88500	89750	105850	116050	124250	121650	106500	107900	106750
Upper Quartile	0	0	0	0	0	0	0	58650	0	64500	76000	78850	87200	93100	104400	89400	81900	80200	80750
Median	0	0	0	0	0	0	0	54500	0	53750	62000	67350	71600	71700	75650	71350	70800	73200	68950
Lower Quartile	0	0	0	0	0	0	0	48500	0	43950	56900	56750	62150	64800	68100	62200	60850	65900	59500
Lower Decile	0	0	0	0	0	0	0	41600	0	42000	53950	51550	51950	54500	61300	55850	56550	61400	51050
Mean	0	0	0	0	0	0	0	53100	0	56500	68250	69950	77350	80150	87250	80800	74400	77900	73950
Supporting Data																			
Total Number	0	0	2	2	0	5	3	12	7	47	36	51	53	55	53	58	37	71	489
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	3	3	5	5	0	3	19
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: WEST SOUTH CENTRAL STATES, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	41750	43700	45750	47750	49800	51800	53800	57600	62750	67050	70250	72400	73650	74200	74250	73700	65200
Upper Quartile	0	0	37950	39650	41300	43000	44700	46350	47950	51100	55300	58750	61350	63150	64200	64750	64900	64650	55800
Median	0	0	35800	37000	38150	39300	40450	41600	42700	44850	47800	50400	52600	54350	55700	56750	57450	58350	46450
Lower Quartile	0	0	33850	34700	35550	36350	37150	37950	38750	40250	42400	44250	45900	47350	48500	49450	50150	51250	38900
Lower Decile	0	0	30750	31600	32400	33200	33950	34700	35450	36800	38600	40150	41400	42350	43100	43600	43950	44350	35150
Mean	0	0	36400	37700	38950	40250	41500	42700	43950	46250	49400	52100	54350	56050	57300	58200	58750	59350	48550
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	43650	42350	43850	46850	49200	52250	54550	62600	64050	63900	66300	70000	71700	74400	74150	74450	65200
Upper Quartile	0	0	39150	38100	40100	42700	44150	46900	48850	54900	55800	57100	57400	61300	61600	66300	65600	64450	55800
Median	0	0	36450	36400	37750	39200	39600	40750	44250	46400	49450	49650	50000	53600	53750	57450	58250	57350	46450
Lower Quartile	0	0	34200	34400	35550	36650	35300	37450	39550	41800	43400	43250	45300	45950	48200	49250	50200	50400	38900
Lower Decile	0	0	32300	27900	33450	34100	33150	35950	36900	38100	37950	38800	41000	40800	42550	44600	44700	43150	35150
Mean	0	0	37750	36350	38350	40200	40500	42500	45100	48500	50150	51000	52050	54800	55800	59100	59650	58100	48550
Supporting Data																			
Total Number	27	50	66	95	113	115	110	118	89	229	169	143	130	155	136	124	128	147	2150
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

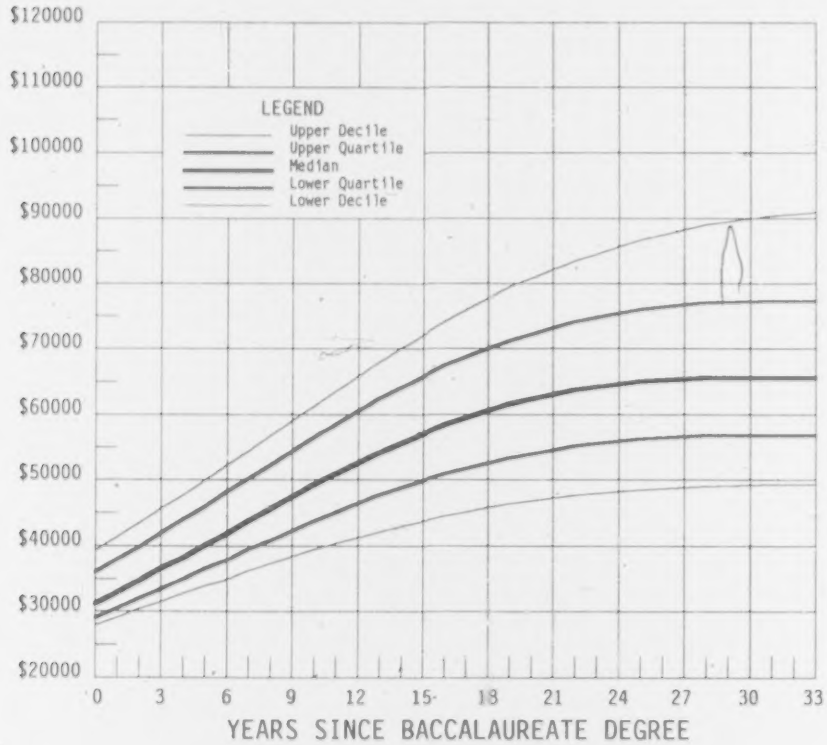
1990 ENGINEERING SALARY STATISTICS: WEST SOUTH CENTRAL STATES, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	60000	63850	67950	76500	88250	97000	102300	105050	106200	106650	106800	106800	99300
Upper Quartile	0	0	0	0	0	0	54450	56900	59900	66400	74850	80150	82750	83800	84150	84250	84300	84300	78900
Median	0	0	0	0	0	0	50000	51350	53250	57600	62950	66050	67450	67950	68100	68150	68150	68150	63650
Lower Quartile	0	0	0	0	0	0	45200	46650	48050	50550	53400	55100	56000	56450	56600	56650	56650	56650	52550
Lower Decile	0	0	0	0	0	0	42500	43050	43600	44700	46200	47400	48350	49000	49450	49700	49850	49900	47400
Mean	0	0	0	0	0	0	50200	52300	54600	59550	65900	70100	72350	73350	73750	73850	73900	73900	69050
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	60000	0	70000	74150	91000	98000	99750	123500	104400	111900	110000	103750	99300
Upper Quartile	0	0	0	0	0	0	54500	0	61650	64000	77350	85000	79000	106250	80600	85600	87500	77000	78900
Median	0	0	0	0	0	0	50000	0	55250	55000	65350	74000	63600	76000	71350	67350	66650	67750	63650
Lower Quartile	0	0	0	0	0	0	44750	0	51300	48300	54500	60000	51300	61000	58200	58750	56000	64400	52550
Lower Decile	0	0	0	0	0	0	42500	0	43250	44850	46400	49100	43050	53950	52500	53150	48800	57400	47400
Mean	0	0	0	0	0	0	50200	0	56400	57550	66950	75000	68700	84900	74250	75300	74550	73600	69050
Supporting Data																			
Total Number	6	6	3	5	3	9	10	9	15	44	36	44	51	46	43	31	32	27	413
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	1	4	1	1	2	1	10
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: WEST SOUTH CENTRAL STATES, NON-SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	55150	59850	64700	74250	86550	93550	94300	90300	84050	77600	71900	62950	81550
Upper Quartile	0	0	0	0	0	0	49550	53650	57800	65800	75350	79900	79100	74800	69050	63450	58650	51250	68550
Median	0	0	0	0	0	0	50350	51450	52850	55450	58100	59250	59700	59850	59850	59850	59850	59850	58350
Lower Quartile	0	0	0	0	0	0	45450	46950	48050	49550	50700	51150	51300	51400	51400	51400	51400	51400	50450
Lower Decile	0	0	0	0	0	0	42400	43050	43550	44300	44850	45050	45100	45100	45100	45100	45100	45100	45400
Mean	0	0	0	0	0	0	50500	52550	54500	57750	60650	62000	62450	62650	62650	62700	62700	62700	61400
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	60000	0	70000	71400	78800	90500	87500	104150	81500	91000	102500	79600	81550
Upper Quartile	0	0	0	0	0	0	54500	0	61650	62650	70000	80950	72000	79000	73650	74000	70000	70200	68550
Median	0	0	0	0	0	0	50000	0	55250	53000	60000	66500	60000	62800	63000	64000	60000	66750	58350
Lower Quartile	0	0	0	0	0	0	44750	0	51300	47450	51500	54900	49250	54950	54750	57500	50750	64100	50450
Lower Decile	0	0	0	0	0	0	42500	0	43250	44350	44900	45850	42500	49250	51300	49400	43400	56200	45400
Mean	0	0	0	0	0	0	50200	0	56400	55850	61400	68150	62450	69500	65350	67200	64150	68000	61400
Supporting Data																			
Total Number	6	6	3	5	3	9	10	8	15	36	26	29	40	25	27	18	18	21	296
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

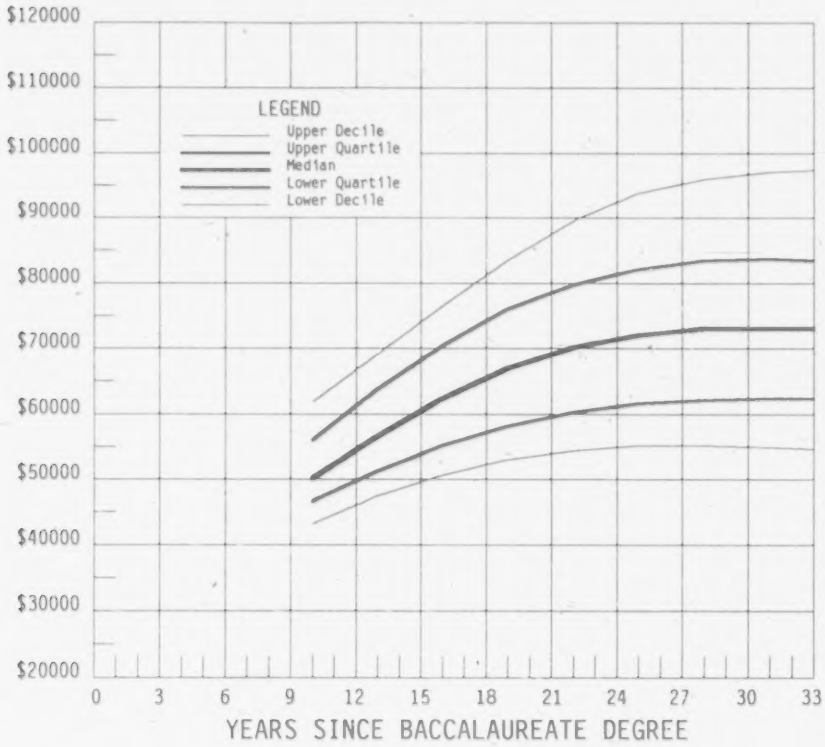
SALARY CURVES FOR ENGINEERS IN MOUNTAIN STATES
ALL ENGINEERS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: MOUNTAIN STATES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	39300	41350	43400	45550	47750	49950	52250	54500	56800	61400	68050	74150	79350	83600	86750	89000	90450	91950	78200
Upper Quartile	35950	37850	39850	41850	43950	46000	48150	50250	52350	56500	62350	67350	71300	74150	76000	77000	77450	77300	64600
Median	31150	32850	34600	36400	38200	40050	41950	43800	45650	49250	54250	58450	61650	63850	65100	65650	65700	65150	54150
Lower Quartile	29000	30400	31900	33350	34900	36400	37900	39400	40900	43750	47650	50900	53400	55100	56150	56700	56850	56650	43650
Lower Decile	28000	29150	30350	31550	32700	33900	35050	36200	37300	39400	42250	44600	46450	47750	48600	49050	49300	49350	36050
Mean	32450	34150	35850	37650	39450	41250	43100	44950	46750	50350	55350	59700	63200	65750	67400	68400	68850	68950	56200
Raw (Unsmoothed) Statistics																			
Upper Decile	34350	40400	44850	45700	48500	52250	52750	56200	57450	61050	65150	72150	80100	84500	89800	90500	90750	91000	78200
Upper Quartile	31850	35700	40850	41950	44450	47900	50050	52650	53450	56750	60000	64750	70000	74450	77900	78250	77950	78000	64600
Median	29900	33050	35250	36450	38300	38100	42400	46200	45400	49550	54000	57900	61300	63850	64900	65650	66700	65400	54150
Lower Quartile	28150	30800	32550	33600	34900	35350	37950	40600	40200	43300	48150	50350	53650	54400	57050	58250	57950	55400	43650
Lower Decile	26200	28750	30250	32200	32950	34050	35300	37900	37350	39050	43550	41300	46900	47700	50100	50300	49200	49100	36050
Mean	30100	33750	36600	37900	39550	41100	43450	47050	46750	50350	54450	58500	63050	65600	69100	68800	69500	68750	56200
Supporting Data																			
Total Number	35	80	106	113	145	149	162	136	138	451	349	325	336	267	254	249	241	326	3860
$125,000 or More	0	0	0	0	0	0	0	0	0	1	0	2	3	1	3	1	2	7	19
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

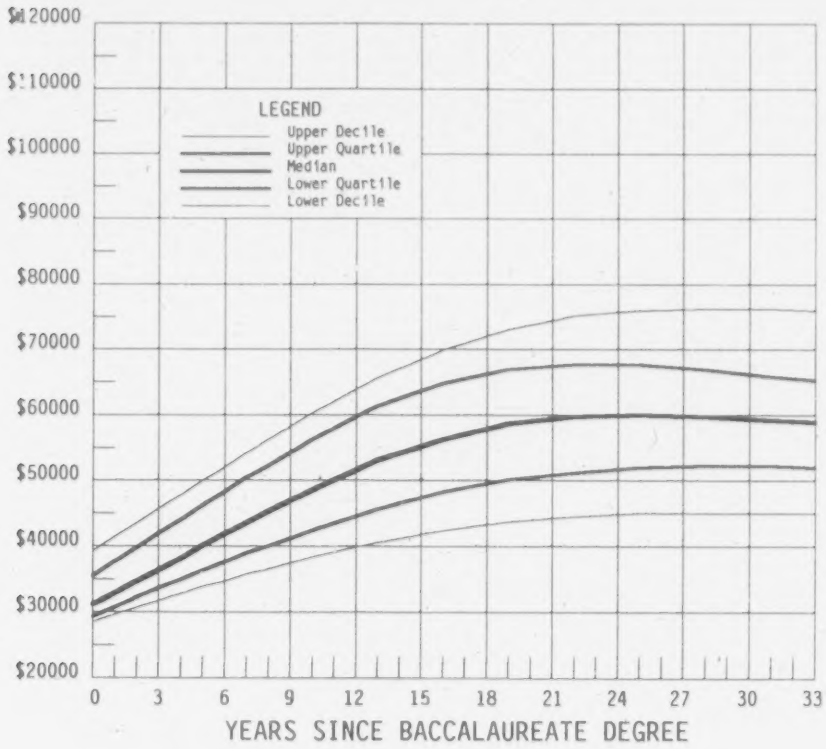
SALARY CURVES FOR ENGINEERS IN MOUNTAIN STATES
SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: MOUNTAIN STATES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	62000	69200	76450	83600	89650	93750	96050	97100	97600	90250
Upper Quartile	0	0	0	0	0	0	0	0	0	56100	63700	70500	75950	79850	82250	83400	83550	82850	78900
Median	0	0	0	0	0	0	0	0	0	50200	56650	62300	66850	70100	72050	73000	73200	72550	66950
Lower Quartile	0	0	0	0	0	0	0	0	0	46650	51300	55200	58250	60350	61600	62250	62400	62050	56900
Lower Decile	0	0	0	0	0	0	0	0	0	43200	47350	50700	53100	54500	55150	55200	54900	53900	50900
Mean	0	0	0	0	0	0	0	0	0	52150	58450	64000	68450	71700	73750	74850	75250	74950	69750
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	68800	70650	75400	83700	89500	98900	96650	99500	98850	90250
Upper Quartile	0	0	0	0	0	0	0	0	0	58900	62700	66950	77150	80300	84700	84650	85400	86500	78900
Median	0	0	0	0	0	0	0	0	0	53550	55000	60200	65600	71200	75150	76400	74600	74650	66950
Lower Quartile	0	0	0	0	0	0	0	0	0	47900	50950	54100	57800	60650	61650	63650	64750	64900	56900
Lower Decile	0	0	0	0	0	0	0	0	0	43400	47600	50600	53000	52000	56750	56900	55600	57050	50900
Mean	0	0	0	0	0	0	0	0	0	54650	57450	61650	68550	71700	76550	76150	77100	78050	69750
Supporting Data																			
Total Number	0	1	2	0	0	1	3	5	8	62	117	146	169	136	131	120	113	156	1159
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	3	1	3	0	2	5	14
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SALARY CURVES FOR ENGINEERS IN MOUNTAIN STATES NON-SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: MOUNTAIN STATES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	39300	41350	43400	45550	47700	49850	52000	54100	56200	60200	65600	69950	73100	75100	76100	76400	76250	75300	66100
Upper Quartile	35500	37550	39650	41750	43900	46100	48200	50350	52400	56300	61250	64850	67000	67850	67700	67000	66000	63750	58650
Median	31100	32850	34600	36350	38150	40000	41800	43550	45300	48650	53000	56350	58550	59700	60050	59850	59300	57900	49100
Lower Quartile	29450	30800	32150	33500	34850	36200	37550	38850	40100	42500	45700	48200	50050	51250	51900	52150	52150	51750	39750
Lower Decile	28450	29500	30600	31650	32700	33750	34750	35700	36650	38400	40650	42400	43700	44500	45000	45200	45200	45000	34600
Mean	32400	34100	35800	37600	39350	41100	42850	44600	46300	49500	53750	57050	59300	60550	61050	61000	60650	59550	50350
Raw (Unsmoothed) Statistics																			
Upper Decile	34350	39850	44400	45700	48500	52300	52750	55800	57150	60150	62900	67800	70950	75400	75600	77800	78400	78350	66100
Upper Quartile	31850	35600	40350	41950	44450	47600	50000	52500	53250	56350	59200	62900	64200	66000	66950	68100	69200	66600	58650
Median	29900	33000	35200	36450	38300	38000	42400	46000	45100	48850	53050	54500	57100	60450	60100	61150	61700	58350	49100
Lower Quartile	28150	30800	32450	33600	34900	35350	37900	40500	40050	42700	46550	45350	48650	50600	52800	55900	53400	51750	39750
Lower Decile	26200	28700	30200	32200	32950	34050	35250	37750	37200	38600	41050	39300	41550	42800	47700	47350	45650	46350	34600
Mean	30100	33600	36250	37900	39550	41050	43400	46650	46300	49600	52750	55900	57700	59850	61200	62600	62750	60800	50350
Supporting Data																			
Total Number	35	79	104	113	145	148	160	132	131	389	231	180	169	136	125	131	128	173	2704
$125,000 or More	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	1	0	2	5
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: MOUNTAIN STATES, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34900	36700	38550	40450	42450	44450	46550	48650	50750	55050	61500	67600	73100	77800	81600	84550	86650	89350	72450
Upper Quartile	32650	34200	35750	37350	39000	40650	42350	44050	45750	49200	54200	58900	63050	66600	69500	71700	73350	75450	58600
Median	30850	32150	33500	34850	36250	37650	39050	40450	41800	44550	48450	52000	55100	57600	59650	61150	62200	63600	47100
Lower Quartile	29100	30300	31500	32700	33900	35100	36300	37450	38650	40850	43950	46600	48750	50400	51600	52400	52900	53400	38300
Lower Decile	27800	28750	29750	30700	31700	32650	33600	34500	35400	37150	39500	41500	43150	44400	45350	46050	46500	47000	33250
Mean	31150	32500	33900	35350	36800	38250	39750	41200	42700	45650	49900	53800	57250	60150	62450	64250	65500	67200	50700
Raw (Unsmoothed) Statistics																			
Upper Decile	34350	37350	38300	42650	42450	42850	46000	51000	50300	54100	59250	65750	78000	89500	78400	85500	86150	88400	72450
Upper Quartile	31850	34300	35600	39000	39600	39200	42800	45500	45800	48250	54200	57400	64150	70400	66000	74600	74700	75250	58600
Median	29900	32300	33950	35350	36600	36600	39400	40750	41500	44600	49200	50800	54500	59000	58000	62000	63600	64200	47100
Lower Quartile	28150	30350	31400	33100	34100	34800	36750	38250	38700	41150	45200	43800	48550	50000	50750	53750	54750	53800	38300
Lower Decile	26200	28300	29350	31550	32250	33300	34250	36000	35900	37650	40450	38850	41400	43200	45650	47650	47500	48100	33250
Mean	30100	32700	34250	36450	36900	37350	39800	42200	42850	45300	49800	51950	58350	63000	61350	64250	66900	67450	50700
Supporting Data																			
Total Number	35	63	67	56	76	69	67	40	49	150	113	115	115	72	62	75	113	166	1500
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	0	2	4	10
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: MOUNTAIN STATES, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	61200	61800	70750	81100	89250	94150	96450	97350	97650	87300
Upper Quartile	0	0	0	0	0	0	0	0	0	53750	59350	64550	69300	73300	76600	79150	81000	83500	74600
Median	0	0	0	0	0	0	0	0	0	48250	52650	56750	60450	63700	66350	68500	70150	72550	62350
Lower Quartile	0	0	0	0	0	0	0	0	0	45500	47200	51250	55300	58250	60000	60850	61200	61300	53250
Lower Decile	0	0	0	0	0	0	0	0	0	40900	44800	48150	50750	52600	53750	54400	54650	54550	48350
Mean	0	0	0	0	0	0	0	0	0	49650	54850	59700	64000	67700	70650	72900	74550	76700	66450
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	60400	64300	67750	81400	89750	89250	88500	99000	109600	87300
Upper Quartile	0	0	0	0	0	0	0	0	0	55750	57250	63400	71400	74200	74350	79150	83350	85750	74600
Median	0	0	0	0	0	0	0	0	0	48700	53150	55400	59800	65500	63350	70650	73700	73450	62350
Lower Quartile	0	0	0	0	0	0	0	0	0	44950	48300	51700	54050	53400	59400	61200	64000	65300	53250
Lower Decile	0	0	0	0	0	0	0	0	0	40850	44700	48950	50700	50050	53900	56150	55200	56400	48350
Mean	0	0	0	0	0	0	0	0	0	51200	53550	58050	65700	68950	70050	71450	76950	78800	66450
Supporting Data																			
Total Number	0	0	2	0	0	1	3	3	6	29	47	55	59	41	33	42	52	77	447
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	0	2	4	9
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: MOUNTAIN STATES, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	35500	37100	38700	40300	41900	43500	45100	46700	48300	51350	55550	59150	62100	64300	65850	66850	67450	67950	59000
Upper Quartile	33100	34500	35950	37400	38800	40250	41700	43100	44500	47150	50800	53900	56350	58200	59450	60300	60750	61050	49600
Median	31050	32350	33600	34850	36150	37400	38600	39850	41000	43250	46200	48650	50550	51900	52750	53250	53500	53550	41400
Lower Quartile	29400	30500	31600	32700	33750	34850	35850	36850	37850	39650	42050	43900	45300	46250	46800	47100	47200	47100	35700
Lower Decile	27700	28700	29700	30700	31650	32600	33500	34350	35200	36750	38700	40150	41100	41700	41950	42000	41950	41600	32100
Mean	31350	32650	33950	35250	36550	37800	39100	40300	41550	43850	47000	49600	51650	53100	54100	54700	55050	55250	44000
Raw (Unsmoothed) Statistics																			
Upper Decile	34350	37350	37500	42650	42450	42300	45700	51200	48500	50050	55300	56900	62400	67850	59300	69200	71950	71400	59000
Upper Quartile	31850	34300	35500	39000	39600	39000	42700	45700	45050	46750	51300	50300	54700	61650	55850	61200	64750	64700	49600
Median	29900	32300	33800	35350	36600	36550	39300	40750	40900	43850	47700	44350	49100	52500	50500	54500	58000	56200	41400
Lower Quartile	28150	30350	31300	33100	34100	34800	36650	38150	38500	40600	42950	39450	43600	43750	46450	48250	50150	50600	35700
Lower Decile	26200	28300	29300	31550	32250	33250	34150	35850	35500	36750	39000	38000	39250	39100	42350	40400	44650	45150	32100
Mean	30100	32700	33650	36450	36900	37200	39600	42300	41750	43850	47250	46400	50600	55150	51500	55100	58400	58600	44000
Supporting Data																			
Total Number	35	63	65	56	76	68	65	38	45	119	66	61	58	31	29	34	61	89	1053
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: MOUNTAIN STATES, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	46350	47900	49500	51200	52950	54800	56700	60650	66800	72750	78250	82900	86550	89100	90700	92050	76850
Upper Quartile	0	0	44350	45900	47500	49100	50700	52250	53850	56950	61400	65450	69000	71900	74200	75850	77000	78050	63700
Median	0	0	38700	40450	42150	43850	45550	47200	48800	51850	55900	59100	61400	62850	63550	63800	63700	63050	54900
Lower Quartile	0	0	34300	35450	36700	37950	39300	40650	42050	44750	48500	51650	54050	55700	56700	57300	57550	57700	46450
Lower Decile	0	0	31950	33000	34150	35250	36400	37550	38650	40800	43700	46100	47900	49150	49950	50400	50600	50750	38750
Mean	0	0	39200	40650	42150	43700	45200	46750	48300	51350	55700	59500	62700	65100	66750	67850	68450	68900	57000
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	45950	46800	49850	52950	53400	54700	58200	60000	63850	73000	82650	82800	92500	88350	88400	92000	76850
Upper Quartile	0	0	44400	44500	46750	51300	51600	52150	54700	56850	59750	64400	69650	73100	78200	76000	76850	79200	63700
Median	0	0	41750	37400	42500	44500	46750	46800	48300	51750	54450	59200	62250	63150	65250	63850	65250	64600	54900
Lower Quartile	0	0	37250	34350	35900	35950	39600	41450	41750	44850	49250	52250	56300	54650	57900	58350	57550	55500	46450
Lower Decile	0	0	32800	32650	34250	34450	36650	38700	37650	39800	44650	47550	49600	48500	52000	50750	49600	49250	38750
Mean	0	0	40500	39300	41950	43800	45850	47100	48350	51100	54550	60150	64500	64700	70200	67650	67650	69050	57000
Supporting Data																			
Total Number	0	18	42	57	65	74	86	77	79	231	179	160	163	130	130	120	86	120	1810
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	2	1	0	2	1	0	3	9
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: MOUNTAIN STATES, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	68600	69450	75400	82650	89100	93700	96400	97700	98350	88600
Upper Quartile	0	0	0	0	0	0	0	0	0	63300	63450	68400	74350	79400	82850	84800	85700	86100	77600
Median	0	0	0	0	0	0	0	0	0	55000	57000	61350	65950	69700	72250	73700	74400	74750	65850
Lower Quartile	0	0	0	0	0	0	0	0	0	50150	53800	56750	58900	60300	61050	61400	61400	61000	57800
Lower Decile	0	0	0	0	0	0	0	0	0	48050	50750	52800	54100	54850	55100	55050	54850	54150	52500
Mean	0	0	0	0	0	0	0	0	0	57300	59000	63150	67700	71400	73900	75300	76000	76350	69250
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	69600	68200	74650	85900	85250	100000	97250	92000	97150	88600
Upper Quartile	0	0	0	0	0	0	0	0	0	64000	62850	67000	76600	80150	86800	83000	82500	84800	77600
Median	0	0	0	0	0	0	0	0	0	55550	56200	61600	65500	71650	75350	74650	70650	73450	65850
Lower Quartile	0	0	0	0	0	0	0	0	0	52000	52300	56100	59900	61150	59850	62300	62000	61500	57800
Lower Decile	0	0	0	0	0	0	0	0	0	48350	50400	52150	55550	53900	56350	53300	53300	56400	52500
Mean	0	0	0	0	0	0	0	0	0	57800	58500	62350	69000	71450	76950	74600	72800	76350	69250
Supporting Data																			
Total Number	0	1	0	0	0	0	0	1	2	28	59	77	91	59	70	52	42	57	538
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	2	5
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: MOUNTAIN STATES, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	45950	47850	49700	51550	53300	55000	56650	59700	63750	67000	69500	71350	72600	73400	73850	74200	64750
Upper Quartile	0	0	43550	45650	47650	49500	51200	52800	54250	56700	59450	61300	62450	63150	63500	63700	63750	63800	58550
Median	0	0	38900	40650	42400	44000	45600	47050	48450	50850	53700	55700	56950	57650	58050	58250	58300	58350	51050
Lower Quartile	0	0	34600	35650	36750	37900	39050	40250	41400	43600	46500	48700	50200	51150	51650	51900	52000	52050	43150
Lower Decile	0	0	32100	33200	34250	35300	36300	37250	38150	39750	41700	43100	44050	44650	44950	45100	45200	45200	37000
Mean	0	0	39150	40700	42250	43750	45200	46600	47950	50450	53600	55950	57600	58650	59250	59600	59750	59800	51750
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	45950	46800	49850	52950	53400	54450	57950	59350	62600	66500	69700	72400	74000	76000	82500	84000	64750
Upper Quartile	0	0	44400	44500	46750	51300	51600	52050	54550	56300	58950	62350	63650	64650	66250	67750	67400	67100	58550
Median	0	0	41750	37400	42500	44500	46750	46550	48050	50900	53550	56350	58350	60350	61100	61650	62000	58300	51050
Lower Quartile	0	0	37250	34350	35900	35950	39600	41400	41600	43900	46850	49350	51100	50600	54400	57200	54900	51800	43150
Lower Decile	0	0	32800	32650	34250	34450	36650	38650	37550	39350	42100	43100	44650	45900	49600	48000	44750	47150	37000
Mean	0	0	40500	39300	41950	43800	45850	46750	47950	50150	52800	58250	58700	59600	61950	63050	63700	62050	51750
Supporting Data																			
Total Number	0	17	42	57	65	74	86	76	77	201	121	84	73	69	65	70	45	64	1271
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	1	3
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

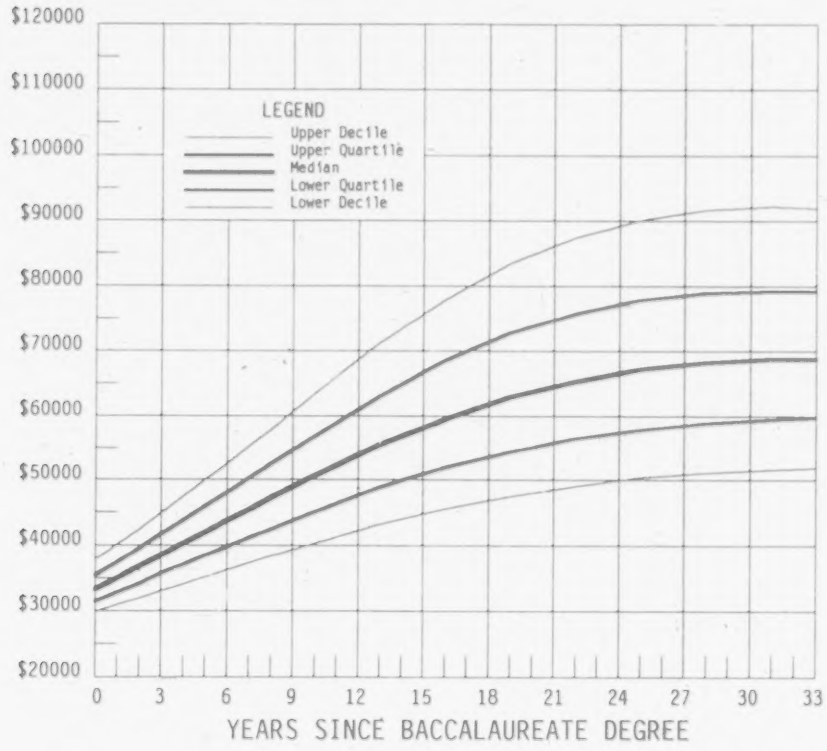
1990 ENGINEERING SALAR STATISTICS: MOUNTAIN STATES, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	59500	60250	61500	65000	71750	78800	84950	89500	92450	94050	94850	95200	86200
Upper Quartile	0	0	0	0	0	0	57450	57700	58550	61400	66900	72350	76600	79450	81100	81900	82250	82350	76700
Median	0	0	0	0	0	0	52350	53550	54900	57800	62250	66200	69300	71450	72750	73450	73750	73900	65600
Lower Quartile	0	0	0	0	0	0	45850	48250	50500	54250	58250	60800	62300	63100	63550	63750	63800	63850	58500
Lower Decile	0	0	0	0	0	0	38250	40350	42450	46500	51900	55950	58350	59250	58950	57950	56700	54000	53250
Mean	0	0	0	0	0	0	50550	52400	54300	58000	63200	67450	70550	72600	73800	74400	74650	74800	68350
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	58650	62000	58700	64650	75050	76000	82400	88650	95500	96750	108750	91100	86200
Upper Quartile	0	0	0	0	0	0	56650	58650	56750	61800	67150	70600	76900	79100	82100	84850	88100	81750	76700
Median	0	0	0	0	0	0	50000	55500	54100	58200	61450	66000	69100	70500	75500	75700	77000	74000	65600
Lower Quartile	0	0	0	0	0	0	42500	53000	47750	54000	57650	61850	62100	62500	65400	64850	67850	63400	58500
Lower Decile	0	0	0	0	0	0	32000	50750	39950	44600	53700	58650	56900	55700	59800	58200	64500	56200	53250
Mean	0	0	0	0	0	0	47650	56200	51650	57950	63250	67850	69700	71150	76000	77300	80800	73300	68350
Supporting Data																			
Total Number	0	0	0	1	3	8	10	20	13	72	57	50	61	68	59	53	39	41	551
$125,000 or More	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: MOUNTAIN STATES, NON-SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	59150	59600	60550	63350	68250	72500	75450	77200	78050	78450	78600	78650	75450
Upper Quartile	0	0	0	0	0	0	56800	57500	58600	61250	65000	67550	69000	69650	69950	70050	70050	70050	67900
Median	0	0	0	0	0	0	51100	53400	55400	58550	61350	62700	63250	63500	63550	63550	63550	63550	61750
Lower Quartile	0	0	0	0	0	0	44600	48400	51250	54850	57250	58050	58350	58400	58400	58450	58450	58450	56750
Lower Decile	0	0	0	0	0	0	36000	38750	41500	46850	53600	57650	58450	56750	53750	50400	47350	42350	51400
Mean	0	0	0	0	0	0	49500	52100	54450	58250	61900	63750	64600	64900	65000	65050	65050	65050	63000
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	58650	60200	58700	64150	67650	71100	74550	77000	82850	92750	93000	79000	75450
Upper Quartile	0	0	0	0	0	0	56650	58150	56750	61800	63650	68250	70100	70600	73500	75850	79000	76000	67900
Median	0	0	0	0	0	0	50000	55250	54100	58300	60650	65000	64850	64350	67500	67600	73000	64000	61750
Lower Quartile	0	0	0	0	0	0	42500	52800	47750	54100	57650	61650	60500	58750	61300	61250	66400	58000	56750
Lower Decile	0	0	0	0	0	0	32000	50700	39950	43700	55250	58800	56100	51500	54950	56900	62800	54000	51400
Mean	0	0	0	0	0	0	47650	55450	51650	57950	61600	65950	65600	64250	68750	71600	75750	65700	63000
Supporting Data																			
Total Number	0	0	0	1	3	8	10	19	13	68	45	38	41	35	33	29	24	20	378
$125,000 or More	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

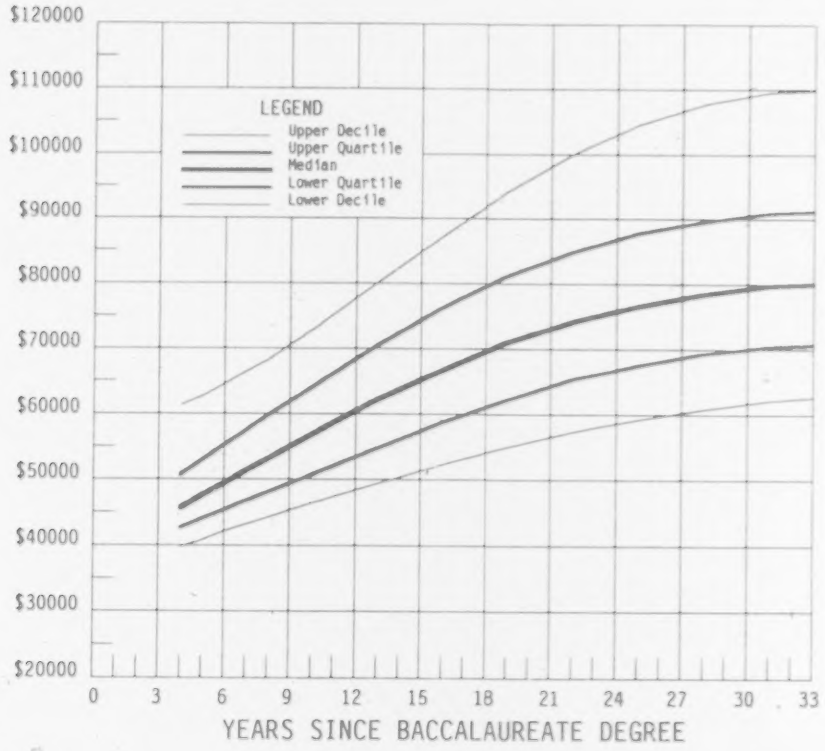
SALARY CURVES FOR ENGINEERS IN PACIFIC STATES
ALL ENGINEERS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: PACIFIC STATES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	37850	40100	42450	44850	47400	49950	52600	55250	57950	63350	71100	78000	83550	87600	90250	91650	92150	91850	80950
Upper Quartile	35400	37400	39400	41500	43650	45850	48050	50250	52500	56850	63050	68450	72750	75850	77800	78850	79300	79100	68350
Median	33350	35000	36700	38400	40150	41900	43650	45450	47200	50600	55400	59550	62900	65400	67100	68150	68700	69050	56100
Lower Quartile	31550	32900	34250	35650	37050	38400	39800	41150	42500	45100	48750	51900	54500	56500	57950	58950	59600	60250	45300
Lower Decile	29800	30900	32000	33050	34150	35250	36300	37350	38400	40400	43150	45550	47550	49150	50350	51250	51850	52600	37200
Mean	33800	35450	37200	38950	40750	42550	44400	46200	48050	51600	56650	61050	64700	67450	69400	70650	71350	71850	58450
Raw (Unsmoothed) Statistics																			
Upper Decile	37300	40650	42700	43900	46750	49450	52900	55500	59550	64700	71100	75950	81150	87400	89900	93600	94300	92250	80950
Upper Quartile	35100	37000	39200	41000	43350	45600	48500	51550	54550	58100	62500	66400	70450	75550	77400	80600	80700	79950	68350
Median	33250	34750	36450	37800	39550	41500	44000	46300	49250	51800	54900	57950	61250	65300	67150	68850	68950	70200	56100
Lower Quartile	31650	32650	34250	35200	36550	38050	39250	41200	44550	46200	48400	50650	53350	56750	57700	59300	60050	61050	45300
Lower Decile	29800	30400	31700	32800	34300	35150	36200	37800	39600	41200	42600	44300	46950	49100	50950	51300	51850	53350	37200
Mean	33550	35450	37250	38450	40200	42350	44300	46700	49600	52650	56200	59500	63300	67650	69550	71650	72000	72450	58450
Supporting Data																			
Total Number	360	400	470	463	497	502	487	578	698	1859	1449	1477	1332	1310	1232	1159	1015	1851	17123
$125,000 or More	0	0	0	0	0	0	0	0	0	0	1	1	7	11	12	14	13	27	86
Less Than $22000	3	0	1	1	2	2	1	0	2	0	0	0	0	0	0	0	0	0	11

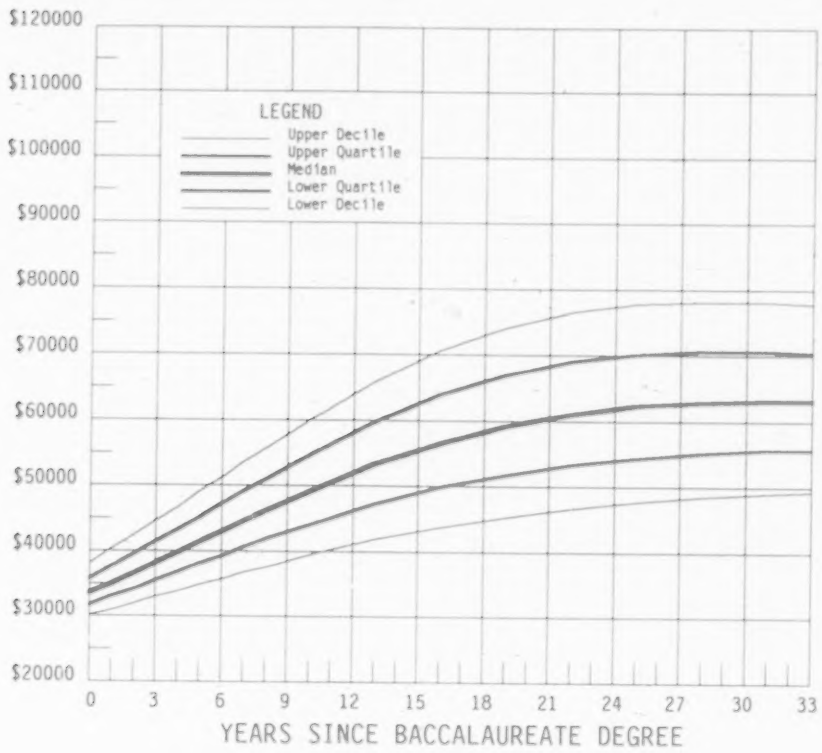
SALARY CURVES FOR ENGINEERS IN PACIFIC STATES
SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: PACIFIC STATES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	61300	62800	64500	66350	68350	72750	79950	87300	94150	100050	104550	107700	109600	111050	97350
Upper Quartile	0	0	0	0	50650	52850	55100	57400	59650	64100	70500	76200	81050	84850	87700	89650	90900	92150	83400
Median	0	0	0	0	45550	47400	49300	51200	53050	56750	62050	66800	70850	74100	76650	78450	79650	81100	71800
Lower Quartile	0	0	0	0	42750	44000	45300	46600	47950	50650	54800	58700	62250	65250	67600	69300	70450	71400	60500
Lower Decile	0	0	0	0	39750	40850	42000	43100	44200	46350	49450	52350	54950	57250	59250	60900	62250	64250	51450
Mean	0	0	0	0	46950	48850	50800	52700	54650	58450	63900	68900	73200	76750	79550	81650	83100	84900	74000
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	60400	66000	63200	64150	65500	75050	81100	85600	92000	99900	105250	109100	112250	110350	97350
Upper Quartile	0	0	0	0	48250	51500	53600	57000	59700	65600	71350	75600	78950	84150	88100	91150	92900	91550	83400
Median	0	0	0	0	43700	45800	49450	51750	53100	57650	61900	66700	69050	74700	76400	79600	81250	80450	71800
Lower Quartile	0	0	0	0	40600	42050	46150	47050	47900	51750	54300	58600	60950	65800	67650	69600	69350	72700	60500
Lower Decile	0	0	0	0	37250	39000	42800	40900	43500	48550	49200	51850	53700	58400	59100	60550	61700	65150	51450
Mean	0	0	0	0	46100	48800	50800	52400	53900	59600	63750	68200	72000	77550	79950	82300	83950	84450	74000
Supporting Data																			
Total Number	1	4	15	10	19	30	44	69	105	368	418	487	512	563	507	503	405	654	4711
$125,000 or More	0	0	0	0	0	0	0	0	0	0	1	1	7	11	12	14	13	25	83
Less Than $20000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SALARY CURVES FOR ENGINEERS IN PACIFIC STATES
NON-SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: PACIFIC STATES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	38200	40250	42400	44550	46800	49000	51250	53500	55700	60000	65800	70650	74200	76550	77800	78250	78200	77250	70500
Upper Quartile	35650	37500	39400	41300	43250	45200	47200	49150	51050	54750	59750	63900	66950	68950	70100	70550	70550	69850	61450
Median	33500	35050	36650	38250	39850	41450	43050	44650	46200	49200	53250	56650	59300	61150	62350	63000	63250	63250	51550
Lower Quartile	31750	33000	34250	35550	36800	38050	39300	40550	41750	44000	47150	49750	51800	53400	54450	55150	55600	55900	41850
Lower Decile	30050	31050	32050	33000	33950	34900	35850	36750	37650	39400	41750	43750	45450	46800	47850	48650	49200	49850	35800
Mean	33950	35500	37100	38700	40300	41900	43500	45050	46600	49600	53650	57050	59650	61500	62750	63400	63700	63750	52600
Raw (Unsmoothed) Statistics																			
Upper Decile	37300	40500	41850	43800	46550	48750	52250	54700	58300	62050	65150	67450	72000	74150	76800	78500	78450	80550	70500
Upper Quartile	35100	36950	38900	40850	43150	45200	47700	50850	53750	56400	59250	61350	63800	66950	69550	70600	71100	72850	61450
Median	33250	34750	36350	37700	39400	41150	43350	45550	48750	50500	52700	54700	57450	60050	61550	63150	64100	65250	51550
Lower Quartile	31650	32650	34200	35150	36450	37850	38850	40850	44100	45100	46800	48250	50650	52550	54100	55200	55950	57500	41850
Lower Decile	29800	30350	31600	32750	34250	35050	36050	37600	39250	40300	41200	42250	44400	45750	47650	49000	49950	51200	35800
Mean	33550	35350	36700	38300	39950	41800	43650	45950	48900	50950	53100	55200	57800	60200	62250	63500	64150	65900	52600
Supporting Data																			
Total Number	359	398	457	453	478	467	442	510	594	1492	1027	991	820	746	727	655	608	1200	12411
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2
Less Than $22000	3	0	1	1	2	2	1	0	2	0	0	0	0	0	0	0	0	0	11

1990 ENGINEERING SALARY STATISTICS: PACIFIC STATES, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	35850	38150	40550	43050	45650	48350	51100	53950	56800	62550	70850	78200	84000	88050	90400	9 100	91500	90300	77400
Upper Quartile	34400	36350	38400	40500	42600	44800	47000	49250	51450	55800	61950	67150	71200	73950	75600	76350	76450	75800	64300
Median	33050	34650	36250	37900	39550	41200	42900	44550	46200	49400	53800	57550	60550	62750	64200	65050	65500	65650	52350
Lower Quartile	31500	32750	34050	35350	36650	37900	39200	40450	41650	44050	47250	50000	52200	53850	55050	55800	56300	56700	41800
Lower Decile	29800	30800	31800	32800	33750	34750	35700	36650	37550	39300	41700	43750	45450	46850	47900	48650	49200	49850	35500
Mean	32950	34600	36300	38000	39800	41550	43350	45150	46950	50450	55300	59550	63000	65550	67250	68300	68850	69100	55200
Raw (Unsmoothed) Statistics																			
Upper Decile	36000	37700	40250	42600	45350	47000	51050	54750	59050	64600	70850	76900	78800	85500	89200	93600	94250	91650	77400
Upper Quartile	34600	35800	37800	39950	41650	44350	46900	50950	54300	57800	61650	64900	67100	72950	73550	77200	78550	77600	64300
Median	33000	34350	35850	37300	38650	40450	42800	45900	49050	51150	53450	55200	58100	62000	62750	65450	65900	67700	52350
Lower Quartile	31400	32300	33950	34850	36300	37500	38250	40650	44500	45500	47350	48050	50350	53000	54400	55250	56850	58450	41800
Lower Decile	29450	30150	31300	32500	34100	34800	35950	37400	39300	40600	41450	41750	43750	45900	47900	48450	50050	51150	35500
Mean	32950	34200	36100	37500	39250	40900	42950	46100	49250	52050	55050	57650	60350	64700	66500	68600	69900	70600	5520
Supporting Data																			
Total Number	329	337	368	343	353	311	296	397	503	1219	849	802	728	674	594	589	597	1037	10
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	1	2	6	7	9	18	4
Less Than $22000	3	0	1	1	2	2	1	0	2	0	0	0	0	0	0	0	0	0	11

1990 ENGINEERING SALARY STATISTICS: PACIFIC STATES, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	53550	56400	59250	62150	65150	71150	80000	88200	95400	101150	105450	108400	110250	111950	96800
Upper Quartile	0	0	0	0	49000	51350	53750	56150	58550	63300	70000	75950	80800	84450	86950	88450	89250	89650	80700
Median	0	0	0	0	45450	47250	49000	50750	52500	55950	60800	65050	68700	71600	73750	75300	76350	77550	68500
Lower Quartile	0	0	0	0	43000	44050	45100	46250	47400	49750	53350	56750	59800	62250	64150	65450	66300	66950	56800
Lower Decile	0	0	0	0	40900	41650	42400	43150	43950	45500	47900	50250	52450	54500	56250	57750	58850	60300	49250
Mean	0	0	0	0	46400	48250	50100	51950	53800	57450	62650	67400	71450	74750	77350	79250	80550	82150	71400
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	61600	50600	55600	61050	63750	74000	79950	87100	92550	100000	108300	109700	112600	113350	96800
Upper Quartile	0	0	0	0	49000	48500	52450	54350	59200	64550	70800	76850	77250	83400	86150	90150	92200	91200	80700
Median	0	0	0	0	45000	45500	48950	50300	52600	56850	60400	65550	66400	72750	72300	76300	78650	78700	68500
Lower Quartile	0	0	0	0	39500	41500	45800	46150	47850	51400	52950	56250	57050	63050	62900	65700	66600	70550	56800
Lower Decile	0	0	0	0	37050	37600	43000	41200	43700	48150	47800	50100	49900	54750	56700	54950	60250	63700	49250
Mean	0	0	0	0	46800	46250	49500	50750	53600	58900	62300	67450	69250	75250	77400	79650	82300	83650	71400
Supporting Data																			
Total Number	1	1	11	9	16	18	37	52	87	280	262	275	274	300	254	266	254	380	2767
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	1	2	6	7	9	17	43
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: PACIFIC STATES, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	36150	38300	40500	42750	45050	47350	49700	52000	54500	58750	64600	69200	72250	73850	74350	74000	73250	71250	66150
Upper Quartile	34600	36450	38300	40250	42150	44100	46050	47950	49850	53450	58200	62000	64650	66200	66900	66950	66650	65500	57450
Median	33100	34600	36150	37650	39200	40700	42200	43700	45150	47900	51550	54500	56650	58150	59000	59350	59450	59100	48100
Lower Quartile	31550	32750	33950	35150	36350	37550	38700	39800	40900	42950	45700	47950	49650	50900	51700	52150	52400	52450	38900
Lower Decile	29950	30850	31750	32650	33500	34350	35200	36000	36800	38300	40250	41950	43250	44300	45050	45600	45950	46400	34350
Mean	33050	34600	36150	37750	39300	40900	42450	44000	45500	48350	52150	55200	57450	58900	59700	60050	60050	59600	49250
Raw (Unsmoothed) Statistics																			
Upper Decile	36000	37700	39900	42350	44550	46700	49750	54000	57700	61600	64050	65600	67950	68750	72750	73200	74850	76000	66150
Upper Quartile	34600	35800	37650	39750	41300	44000	46050	50250	53400	55600	57900	58200	61250	62900	64950	66500	67350	69950	57450
Median	33000	34300	35750	37200	38550	40250	41750	45100	48500	49450	51050	51850	54450	56350	57150	58950	60100	62450	48100
Lower Quartile	31400	32300	33850	34750	36200	37400	37800	40200	44050	44350	45250	45600	47850	49700	51000	52050	52650	55000	38900
Lower Decile	29450	30150	31250	32450	34050	34750	35350	37150	38850	39550	39700	39900	41450	42200	43750	45650	47200	49000	34350
Mean	32950	34200	35650	37300	38900	40550	42100	45400	48450	50050	51800	52500	55000	56400	58400	59700	60650	63050	49250
Supporting Data																			
Total Number	328	336	358	334	336	292	262	345	415	937	586	527	454	380	342	325	342	662	7550
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Less Than $22000	3	0	1	1	2	2	1	0	2	0	0	0	0	0	0	0	0	0	11

1990 ENGINEERING SALARY STATISTICS: PACIFIC STATES, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	44550	46750	49000	51300	53650	56000	58350	63000	69750	75800	80850	84850	87750	89700	90900	91950	82100
Upper Quartile	0	0	41800	43650	45500	47400	49300	51250	53150	56900	62300	67150	71250	74600	77150	78950	80150	81550	70400
Median	0	0	39600	40800	42050	43400	44750	46200	47650	50650	55150	59350	63050	66050	68300	69750	70650	71350	58850
Lower Quartile	0	0	35900	37000	38150	39350	40550	41800	43050	45550	49250	52650	55650	58050	59900	61150	61950	62600	47950
Lower Decile	0	0	32850	33850	34800	35850	36900	37950	39000	41150	44300	47200	49750	51800	53300	54400	55050	55600	41000
Mean	0	0	39850	41150	42500	43900	45350	46850	48400	51600	56350	60850	64800	68000	70350	71950	72900	73600	60750
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	46550	46250	48550	51300	52650	55800	57550	64750	67600	74000	81300	84500	92100	93550	93550	89850	82100
Upper Quartile	0	0	43300	43400	45600	46700	48550	51200	52850	57750	61500	66000	70900	75050	79050	81250	82800	80500	70400
Median	0	0	39950	40550	42550	42850	44300	45500	48000	51500	54400	59400	62950	66250	68550	70850	71650	71500	58850
Lower Quartile	0	0	36900	36350	37950	38850	40400	41600	43450	46400	48450	52200	56050	58750	59800	61250	63450	62850	47950
Lower Decile	0	0	33350	33550	34750	35450	36500	38450	39600	41400	43650	47250	50400	51550	53000	54700	55850	56300	41000
Mean	0	0	40950	40300	42100	43900	44850	46750	48450	52600	55750	60050	65000	68050	71400	73100	74350	73300	60750
Supporting Data																			
Total Number	27	54	98	114	139	173	158	149	147	482	432	471	412	423	389	370	284	550	4860
$125,000 or More	0	0	0	0	0	0	0	0	0	0	1	0	4	3	5	5	2	7	26
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: PACIFIC STATES, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	70250	70350	70600	71250	73400	78000	83600	89300	94600	98950	102200	104250	106000	95250
Upper Quartile	0	0	0	0	0	63550	63600	63700	64200	65850	69500	73950	78500	82650	86050	88500	90100	91450	83550
Median	0	0	0	0	0	51300	52450	53650	54950	57700	62000	66400	70450	74050	76900	79000	80350	81600	73050
Lower Quartile	0	0	0	0	0	44650	46050	47450	48900	51800	56150	60250	63900	66950	69350	71100	72200	73200	63150
Lower Decile	0	0	0	0	0	41700	43000	44250	45500	47950	51550	54850	57850	60350	62400	63950	65000	66150	55600
Mean	0	0	0	0	0	53150	54300	55550	56850	59650	64150	68700	73000	76750	79750	82000	83450	84750	75300
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	67400	0	72800	63600	77600	78900	79550	88100	94550	105550	102450	108850	99850	95250
Upper Quartile	0	0	0	0	0	63000	0	64000	60000	69000	67750	73050	78550	82750	89300	90750	92050	89250	83550
Median	0	0	0	0	0	48500	0	57350	53000	59000	61650	66150	68800	74400	78700	80250	83200	80850	73050
Lower Quartile	0	0	0	0	0	42700	0	50000	47750	53000	55150	60600	63150	67050	69450	72150	74100	73600	63150
Lower Decile	0	0	0	0	0	41200	0	42800	44600	49700	51300	54150	57550	61300	61950	63800	65850	67650	55600
Mean	0	0	0	0	0	52350	0	57350	52450	61250	64150	67200	72750	77050	82050	83650	85050	83700	75300
Supporting Data																			
Total Number	0	3	2	2	3	13	4	16	12	76	124	164	180	178	159	156	117	194	1398
$125,000 or More	0	0	0	0	0	0	0	0	0	0	1	0	4	3	5	5	2	6	25
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: PACIFIC STATES, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	45000	46850	48650	50500	52350	54150	55950	59450	64300	68550	72000	74700	76700	78050	78900	79750	71750
Upper Quartile	0	0	42350	43900	45450	47050	48600	50150	51650	54600	58750	62350	65350	67800	69650	71000	71900	73000	63100
Median	0	0	39700	40750	41850	43050	44250	45450	46700	49200	52900	56300	59200	61500	63150	64250	64950	65450	53550
Lower Quartile	0	0	36050	37050	38050	39100	40150	41200	42300	44450	47600	50450	52950	54950	56450	57500	58150	58650	44850
Lower Decile	0	0	33100	33950	34800	35650	36550	37500	38400	40250	42950	45400	47550	49250	50550	51450	52000	52450	39200
Mean	0	0	39300	40650	42000	43400	44750	46050	47400	49950	53500	56650	59350	61550	63250	64550	65500	66700	54850
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	46100	45900	48600	49400	52150	53700	57000	61300	63500	66750	71950	74000	76900	79900	80100	81400	71750
Upper Quartile	0	0	43050	43250	45700	46200	48250	49700	52500	56000	57950	61550	64150	67750	70100	72600	73100	74300	63100
Median	0	0	39800	40350	42550	42500	44050	44700	47700	50000	52000	56150	58500	61350	63100	64300	67400	66850	53550
Lower Quartile	0	0	36850	36250	37800	38450	40250	41350	43200	45350	46550	49950	52350	55200	56200	57500	60150	60150	44850
Lower Decile	0	0	33300	33550	34700	35300	36350	38250	39500	40750	41750	45250	47600	48400	50550	52300	52900	53950	39200
Mean	0	0	40100	40000	42100	42950	44400	45450	48200	51000	52400	56200	59000	61500	63750	65500	67100	67650	54850
Supporting Data																			
Total Number	27	51	96	112	136	160	153	135	135	408	309	309	232	245	227	212	168	357	3462
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: PACIFIC STATES, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	59100	61550	63950	66300	70900	77200	82550	86700	89700	91650	92750	93250	93200	89300
Upper Quartile	0	0	0	0	0	57850	57900	58300	59200	61750	66750	71900	76400	79800	82000	83250	83900	84200	78100
Median	0	0	0	0	0	52850	52900	53400	54150	56400	60500	64700	68250	70900	72600	73600	74050	74300	67800
Lower Quartile	0	0	0	0	0	49500	49700	50200	50850	52550	55650	58750	61500	63550	65000	65850	66300	66600	58800
Lower Decile	0	0	0	0	0	43750	45000	46250	47400	49600	52500	54850	56600	57850	58650	59100	59300	59350	53000
Mean	0	0	0	0	0	53450	53650	54300	55250	57800	62400	66950	70700	73350	75050	75950	76400	76600	70200
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	64000	65000	63600	69800	66350	79200	79650	86850	96900	89400	93750	95300	94750	89300
Upper Quartile	0	0	0	0	0	57350	57500	58200	62100	60400	67900	71100	76350	81150	81050	85400	83050	86550	78100
Median	0	0	0	0	0	51500	53450	53650	55250	55950	61100	63650	67900	72100	72850	76150	72550	75700	67800
Lower Quartile	0	0	0	0	0	48000	50200	50750	51050	52650	56300	57500	60850	64900	64850	67150	66700	68050	58800
Lower Decile	0	0	0	0	0	39500	47000	48400	47050	50200	53000	53600	55250	58800	57950	61350	60300	60700	53000
Mean	0	0	0	0	0	52550	54000	54550	56550	57000	63450	65800	70150	76150	74050	77700	76400	78000	70200
Supporting Data																			
Total Number	6	11	6	8	6	20	30	33	51	159	170	206	193	211	252	198	137	262	1949
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	1	6	2	2	2	2	16
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: PACIFIC STATES, SUPERVISORY, PHD

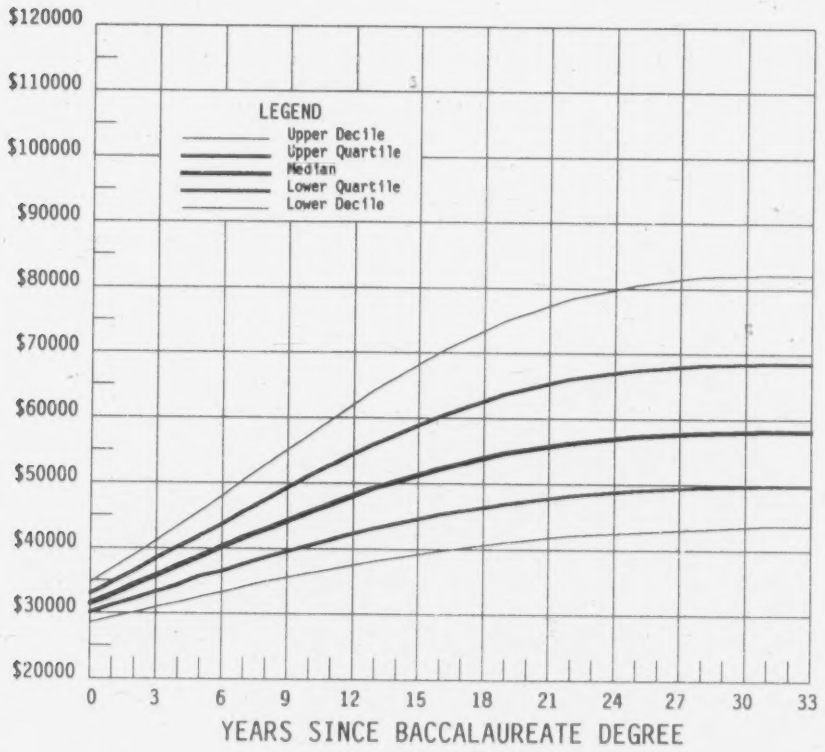
Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	79150	88300	96150	102300	106600	109100	110250	110450	109450	104700
Upper Quartile	0	0	0	0	0	0	0	0	0	75500	79700	83400	86600	89250	91400	93100	94350	96150	90650
Median	0	0	0	0	0	0	0	0	0	65350	69700	73700	77250	80300	82800	84800	86350	88650	80800
Lower Quartile	0	0	0	0	0	0	0	0	0	59600	63900	67750	71000	73750	75900	77500	78700	80300	72800
Lower Decile	0	0	0	0	0	0	0	0	0	57250	60050	62700	65100	67250	69050	70550	71750	73300	65150
Mean	0	0	0	0	0	0	0	0	0	67650	72900	77500	81300	84300	86550	88100	89150	90300	83800
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	75750	88250	96000	105400	116550	98950	106250	117500	110700	104700
Upper Quartile	0	0	0	0	0	0	0	0	0	73350	81950	81650	86250	91900	88950	92700	97500	94750	90650
Median	0	0	0	0	0	0	0	0	0	62000	72400	73000	77550	80150	81450	85650	88000	87300	80800
Lower Quartile	0	0	0	0	0	0	0	0	0	58400	64850	67000	72500	73100	74700	78550	80350	78900	72800
Lower Decile	0	0	0	0	0	0	0	0	0	56950	61150	60650	67400	65650	69800	72650	67600	72650	65150
Mean	0	0	0	0	0	0	0	0	0	65800	74100	77050	81400	86050	84150	88050	91250	89300	83800
Supporting Data																			
Total Number	0	0	2	0	0	0	3	2	5	12	37	48	57	87	95	80	38	83	550
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	1	6	2	2	2	2	16
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: PACIFIC STATES, NON-SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	62850	62900	63300	63650	65300	69550	74000	77800	80550	82250	83200	83650	83850	79500
Upper Quartile	0	0	0	0	0	57650	57800	57950	58350	60200	63900	67750	71050	73450	75050	75900	76350	76600	71650
Median	0	0	0	0	0	52900	53000	53200	53800	55550	58850	62200	65000	67000	68300	69050	69400	69600	63700
Lower Quartile	0	0	0	0	0	49750	49900	50200	50750	52150	54700	57250	59450	61100	62250	62950	63300	63550	56300
Lower Decile	0	0	0	0	0	44200	45350	46450	47500	49450	51900	53800	55200	56050	56550	56800	56850	56600	51700
Mean	0	0	0	0	0	53800	53800	54150	54800	56600	59900	63200	65900	67900	69150	69900	70250	70400	64850
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	64000	61200	63850	64550	64700	70250	73950	76700	81600	80650	83550	83400	88050	79500
Upper Quartile	0	0	0	0	0	57350	56250	58250	60750	59900	63950	67000	70650	74450	74650	77150	75100	79600	71650
Median	0	0	0	0	0	51500	53200	53650	54800	55500	59200	61500	63950	68000	67850	69600	70150	72050	63700
Lower Quartile	0	0	0	0	0	48000	50300	50900	50950	52400	55250	56150	58750	61650	61000	64100	65200	65550	56300
Lower Decile	0	0	0	0	0	39500	47500	48850	47350	50100	52000	52850	54200	56700	55900	58450	58250	57800	51700
Mean	0	0	0	0	0	52550	53800	55100	55550	56400	60300	62500	65250	69050	68150	70800	71150	72650	64850
Supporting Data																			
Total Number	6	11	4	8	6	20	27	31	46	148	134	157	131	124	158	119	99	179	1402
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CURVES AND TABLES FOR SELECTED INDUSTRIAL SECTORS

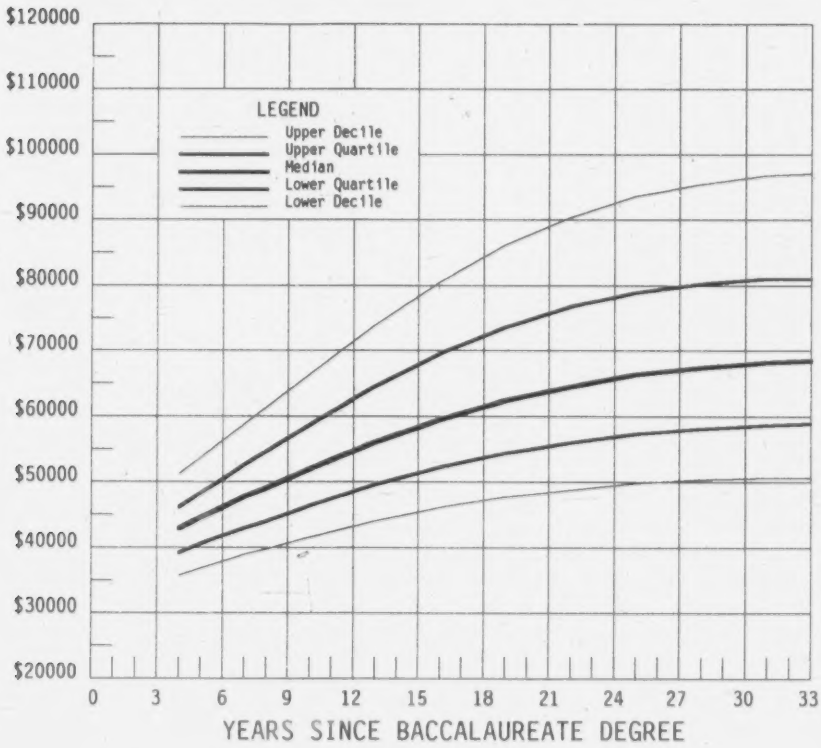
SALARY CURVES FOR ENGINEERS IN ALL MANUFACTURING INDUSTRIES
ALL ENGINEERS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: ALL MANUFACTURING INDUSTRIES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	34800	36800	38900	41100	43350	45650	47950	50350	52750	57450	64250	70200	75000	78450	80650	81850	82250	81950	68350
Upper Quartile	33050	34750	36500	38300	40150	42000	43850	45700	47500	51100	56100	60350	63650	66050	67550	68350	68650	68550	56250
Median	31500	32900	34350	35800	37250	38700	40150	41600	43000	45650	49300	52300	54600	56250	57300	57900	58150	58150	45950
Lower Quartile	30050	31150	32250	33400	34500	35600	36650	37700	38750	40650	43250	45350	47050	48250	49050	49600	49900	50100	38150
Lower Decile	28600	29400	30200	31000	31800	32600	33350	34100	34850	36200	38100	39700	41000	42050	42800	43300	43650	43900	33050
Mean	31550	33050	34500	36000	37550	39050	40550	42100	43550	46450	50450	53900	56600	58650	60050	60950	61450	61750	49050
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	35150	36850	38850	40350	43200	45400	47800	50700	53350	58250	63950	70250	73450	79250	79650	81300	82550	82750	68350
Upper Quartile	33150	34500	36150	37700	40100	42350	44150	46250	48350	51750	55850	59650	61300	66800	67800	67500	68500	69800	56250
Median	31550	32700	33850	35500	37300	38950	40350	42350	43900	46050	48950	51350	53250	56600	57550	57950	58400	58600	45950
Lower Quartile	30400	30950	31800	33050	34250	36000	36550	38000	39350	41400	42700	44250	45950	48900	49600	50100	50700	49700	38150
Lower Decile	28900	29500	30100	30550	31750	32700	32900	34350	35050	36750	37600	38950	40950	42850	43200	43800	44150	43000	33050
Mean	31950	33050	34200	35550	37350	39100	40450	42450	44050	47000	50200	53200	55450	59700	60450	60900	61700	61700	49050
---------- Supporting Data ----------																			
Total Number	1375	1888	1790	2195	2544	2682	2376	2302	2258	6358	4123	3726	3928	3132	2975	2520	2548	4100	52818
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	4	12	21	22	20	25	47	151
Less Than $22000	10	21	9	1	6	1	1	1	0	3	0	0	0	1	1	0	0	0	54

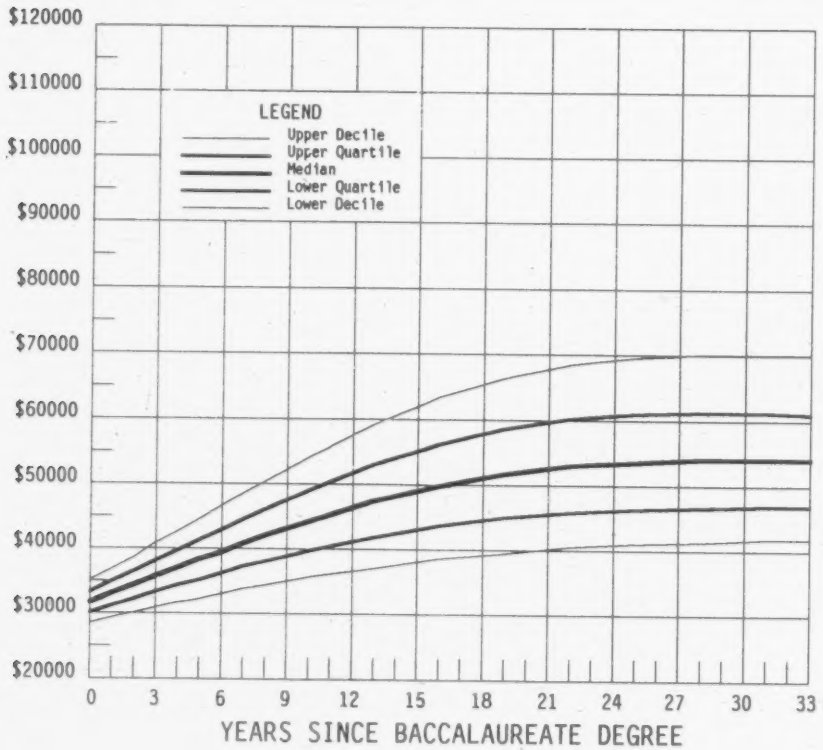
SALARY CURVES FOR ENGINEERS IN ALL MANUFACTURING INDUSTRIES SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: ALL MANUFACTURING INDUSTRIES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	0	0	0	0	51200	53700	56250	58800	61400	66500	73900	80550	86100	90450	93550	95550	96700	97650	86250
Upper Quartile	0	0	0	0	46250	48300	50400	52500	54600	58700	64500	69550	73650	76750	78900	80250	81000	81450	72550
Median	0	0	0	0	43050	44600	46150	47650	49150	52050	56050	59500	62400	64650	66300	67450	68250	69100	60600
Lower Quartile	0	0	0	0	39250	40500	41750	42950	44100	46400	49500	52150	54350	56050	57300	58200	58800	59500	51100
Lower Decile	0	0	0	0	35850	36900	37900	38900	39850	41650	44050	46100	47700	48900	49750	50300	50650	51000	44200
Mean	0	0	0	0	43250	44950	46650	48350	50050	53350	57950	62050	65450	68100	70050	71400	72300	73200	63850
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	0	0	0	0	52400	51450	55600	58800	59150	68100	75150	79200	84450	92800	91650	95750	96250	98400	86250
Upper Quartile	0	0	0	0	46450	46650	50300	53450	54400	59000	64650	69350	73200	78200	76900	80600	81700	81500	72550
Median	0	0	0	0	42900	43400	46650	47800	49200	52400	55750	59500	61400	66200	66100	66800	68500	69000	60600
Lower Quartile	0	0	0	0	38650	39400	40550	44600	44650	46750	49500	52200	52800	57400	56550	58650	60200	58900	51100
Lower Decile	0	0	0	0	33750	36500	37250	41600	40500	42150	43200	45200	47050	51200	49600	49250	52350	50250	44200
Mean	0	0	0	0	43250	43950	46400	49550	49850	53650	57800	61650	64700	70100	69050	71350	73050	72850	63850
---------- Supporting Data ----------																			
Total Number	10	44	41	61	96	147	207	238	317	1228	1090	1210	1278	1139	1167	868	914	1435	11492
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	4	12	20	20	20	24	46	147
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2

SALARY CURVES FOR ENGINEERS IN ALL MANUFACTURING INDUSTRIES NON-SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: ALL MANUFACTURING INDUSTRIES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	35100	36900	38800	40700	42650	44600	46550	48500	50400	54150	59200	63350	66500	68550	69700	70200	70250	69600	59700
Upper Quartile	33250	34850	36450	38100	39750	41400	43000	44650	46200	49200	53200	56350	58700	60200	61000	61300	61250	60700	51500
Median	31700	33050	34350	35700	37000	38350	39600	40900	42100	44400	47450	49900	51700	52950	53650	54000	54100	53900	43200
Lower Quartile	30150	31200	32250	33300	34300	35300	36300	37250	38150	39800	42000	43750	45050	45950	46500	46800	46900	46850	36600
Lower Decile	28650	29400	30150	30900	31650	32350	33050	33750	34400	35600	37200	38550	39600	40450	41050	41450	41750	42100	32300
Mean	31750	33100	34450	35800	37150	38500	39800	41100	42350	44700	47900	50450	52400	53750	54600	55000	55200	55100	44950
Raw (Unsmoothed) Statistics																			
Upper Decile	35050	36500	38550	40200	42750	44850	46650	49300	51800	55100	58900	62200	63350	67700	69750	69800	69650	72100	59700
Upper Quartile	33100	34350	36050	37600	39900	42050	43650	45550	47000	49800	52850	54800	56600	59500	60800	61450	60950	62600	51500
Median	31550	32650	33800	35450	37200	38800	40050	41750	43150	44900	46800	47900	50450	52850	54000	54650	54700	54450	43200
Lower Quartile	30400	30950	31750	33000	34200	35800	36250	37550	38900	40550	41500	42400	44200	45900	46150	47750	47400	47100	36600
Lower Decile	28850	29450	30050	30500	31700	32550	32600	34050	34450	36250	36650	37500	39200	41050	41800	42300	42400	41350	32300
Mean	31900	32900	34050	35400	37100	38800	39900	41600	43150	45400	47450	49200	51050	53650	54850	55450	55350	55700	44950
Supporting Data																			
Total Number	1365	1847	1748	2132	2450	2531	2168	2065	1943	5135	3032	2519	2653	1991	1804	1650	1636	2663	41330
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	4
Less Than $22000	10	21	9	1	6	1	1	1	0	3	0	0	0	0	0	0	0	0	53

1990 ENGINEERING SALARY STATISTICS: ALL MANUFACTURING INDUSTRIES, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34050	36100	38200	40400	42650	44950	47250	49600	52000	56700	63300	68950	73350	76350	78050	78800	78850	77950	64350
Upper Quartile	32850	34550	36300	38050	39850	41650	43450	45250	47050	50450	55150	59050	62000	63950	65100	65650	65700	65250	53750
Median	31450	32800	34200	35650	37050	38450	39800	41200	42500	45050	48400	51150	53200	54600	55450	55850	56000	55800	44050
Lower Quartile	30000	31100	32150	33200	34250	35300	36300	37300	38250	40000	42350	44300	45750	46800	47550	47950	48150	48300	36800
Lower Decile	28650	29400	30100	30850	31550	32250	32950	33600	34300	35550	37250	38750	39950	40900	41600	42100	42400	42650	32300
Mean	31300	32750	34200	35650	37150	38600	40050	41550	42950	45700	49500	52650	55200	57000	58200	58950	59300	59450	46950
Raw (Unsmoothed) Statistics																			
Upper Decile	34050	35950	38000	40000	42850	44700	47100	50050	53450	57700	62800	68200	70650	76450	76700	78600	79500	79350	64350
Upper Quartile	32950	34150	35800	37550	39950	42000	43850	45850	48200	51350	54750	58100	59150	64350	64450	64550	66250	66850	53750
Median	31450	32550	33600	35350	37200	38700	40100	41950	43600	45600	47650	49700	51900	55000	55400	55950	56700	56250	44050
Lower Quartile	30350	30900	31600	32850	34050	35700	36350	37500	38950	40850	41600	43250	44800	47450	47250	48300	48950	48300	36800
Lower Decile	28800	29500	30000	30400	31450	32500	32750	33750	34400	36150	36450	38050	39650	41750	42000	42600	43150	41900	32300
Mean	31550	32700	33800	35200	37100	38650	40100	41950	43750	46400	48950	51900	53650	57900	58000	59050	59950	59650	46950
Supporting Data																			
Total Number	1312	1785	1648	1972	2285	2377	2043	1877	1870	4943	3027	2618	2719	2040	1935	1686	1823	3058	41019
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	2	6	13	10	13	16	37	97
Less Than $22000	10	21	9	1	5	1	1	1	0	3	0	0	0	1	1	0	0	0	53

1990 ENGINEERING SALARY STATISTICS: ALL MANUFACTURING INDUSTRIES, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	49750	52150	54600	57100	59600	64550	71750	78300	83800	88150	91350	93450	94750	95850	83450
Upper Quartile	0	0	0	0	45900	47850	49850	51850	53800	57650	63050	67750	71600	74500	76550	77850	78600	79100	69950
Median	0	0	0	0	43200	44600	45950	47300	48650	51250	54800	57950	60500	62600	64150	65300	66050	67000	58100
Lower Quartile	0	0	0	0	38850	40050	41250	42450	43550	45750	48650	51150	53100	54550	55550	56250	56650	57050	49450
Lower Decile	0	0	0	0	35900	36800	37700	38550	39400	41000	43150	44950	46350	47450	48300	48850	49250	49700	42700
Mean	0	0	0	0	42800	44400	46050	47650	49200	52300	56650	60500	63700	66250	68150	69500	70400	71450	61650
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	51000	49200	54150	57700	58850	65050	73900	78850	80000	90650	87350	95350	96600	95700	83450
Upper Quartile	0	0	0	0	46300	45850	49900	52350	54250	58000	62750	68200	70750	76150	74150	78600	79400	78800	69950
Median	0	0	0	0	42500	42850	46500	47100	49200	51900	54400	58600	58800	64150	63250	65150	66500	66850	58100
Lower Quartile	0	0	0	0	38400	37950	40200	44300	44400	46550	48050	51100	51300	56350	54500	57500	57950	56150	49450
Lower Decile	0	0	0	0	33350	36300	37100	41200	39900	41900	41900	44100	45700	50100	47800	47650	51000	48900	42700
Mean	0	0	0	0	42500	42650	45850	48800	49600	52800	56200	60750	62250	68400	66350	70150	71400	70900	61650
Supporting Data																			
Total Number	8	38	37	54	90	129	181	196	279	992	833	824	880	735	775	572	658	1044	8330
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	2	6	13	10	13	16	37	96
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2

1990 ENGINEERING SALARY STATISTICS: ALL MANUFACTURING INDUSTRIES, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34400	36250	38150	40100	42050	44000	46000	47900	49850	53500	58300	62100	64700	66200	66800	66750	66350	65050	57200
Upper Quartile	33000	34600	36200	37850	39450	41050	42650	44200	45750	48650	52400	55300	57350	58600	59150	59250	59050	58250	49050
Median	31600	32900	34200	35500	36750	38000	39250	40450	41600	43800	46600	48850	50450	51500	52050	52300	52350	52050	41550
Lower Quartile	30150	31150	32100	33100	34050	35000	35900	36750	37600	39150	41150	42750	43900	44700	45250	45500	45600	45600	35450
Lower Decile	28700	29400	30050	30750	31400	32050	32650	33250	33850	34900	36350	37600	38600	39400	40000	40450	40800	41200	31650
Mean	31500	32800	34150	35450	36750	38050	39350	40550	41750	44050	47000	49300	51050	52150	52800	53050	53100	52850	43200
Raw (Unsmoothed) Statistics																			
Upper Decile	34000	35800	37900	39800	42350	44150	46250	48900	51700	54700	57950	59650	61000	65650	64650	65600	66550	68400	57200
Upper Quartile	32900	34000	35750	37450	39750	41700	43350	45100	46800	49300	51650	53450	55400	57500	58150	58800	59150	60450	49050
Median	31450	32500	33550	35250	37050	38550	39750	41350	42750	44400	45350	46750	49000	51350	51700	53150	53350	52750	41550
Lower Quartile	30350	30850	31550	32800	34000	35550	36000	37100	38450	39800	40300	41500	43000	45000	44600	46150	46100	46000	35450
Lower Decile	28800	29400	30000	30350	31400	32400	32500	33350	33750	35450	35600	36800	38150	39950	41050	41500	41650	40300	31650
Mean	31500	32550	33700	35100	36900	38400	39500	41150	42750	44800	46200	47800	49550	52000	52300	53300	53500	53850	43200
Supporting Data																			
Total Number	1302	1747	1611	1917	2194	2248	1862	1682	1591	3951	2196	1795	1840	1307	1159	1113	1162	2012	32688
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Less Than $22000	10	21	9	1	5	1	1	1	0	3	0	0	0	0	0	0	0	0	51

1990 ENGINEERING SALARY STATISTICS: ALL MANUFACTURING INDUSTRIES, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	41850	44000	46150	48350	50550	52800	55050	59500	65900	71650	76450	80150	82800	84550	85550	86350	74650
Upper Quartile	0	0	38750	40450	42200	43950	45650	47400	49150	52550	57400	61650	65250	68100	70250	71700	72650	73700	62700
Median	0	0	36500	37850	39200	40550	41900	43200	44500	47050	50600	53700	56300	58400	60000	61200	62000	63000	52350
Lower Quartile	0	0	34400	35450	36500	37500	38500	39500	40500	42350	45000	47300	49250	50900	52200	53200	53950	55000	44150
Lower Decile	0	0	32200	33100	34000	34900	35750	36600	37450	38950	41050	42750	44150	45200	46000	46550	46900	47300	38550
Mean	0	0	37050	38450	39900	41350	42800	44250	45650	48450	52300	55800	58700	61050	62850	64150	65050	66150	55100
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	42900	43300	45700	49550	51000	52750	51900	59800	66800	71750	76300	80550	82450	83400	85000	87600	74650
Upper Quartile	0	0	39550	40000	41550	44700	45400	47750	47900	52550	58200	62450	64000	67800	70950	70900	72000	74850	62700
Median	0	0	36900	37000	38400	41250	41750	43900	44550	47000	51450	53450	55100	58350	60600	61250	61450	63800	52350
Lower Quartile	0	0	34800	34850	35650	37800	37950	39900	41150	42650	46050	46100	48400	50500	53150	53200	54700	55100	44150
Lower Decile	0	0	32950	32700	33550	35250	34250	36850	38250	39150	41900	41850	44200	44300	45900	47500	47500	47200	38550
Mean	0	0	38000	37950	39250	42150	42300	44450	44850	48600	52950	55550	58100	61100	63450	63800	64700	66750	55100
Supporting Data																			
Total Number	58	94	136	215	250	289	293	392	349	1294	970	976	1017	899	833	709	620	886	10276
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	2	6	3	7	6	5	9	38
Less Than $22000	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1

1990 ENGINEERING SALARY STATISTICS: ALL MANUFACTURING INDUSTRIES, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	59500	61700	63900	66050	70350	76450	82000	86800	90800	93900	96250	97950	100100	89000
Upper Quartile	0	0	0	0	0	54750	56450	58150	59800	63050	67650	71800	75400	78400	80800	82700	84100	86000	76250
Median	0	0	0	0	0	47700	49150	50550	52000	54750	58600	62000	64950	67350	69300	70750	71850	73250	65600
Lower Quartile	0	0	0	0	0	42950	44150	45300	46500	48750	51950	54800	57250	59300	60950	62250	63250	64600	56350
Lower Decile	0	0	0	0	0	40850	41550	42200	42850	44200	46200	48150	50050	51800	53500	54950	56250	58400	49000
Mean	0	0	0	0	0	49300	50800	52300	53800	56700	60800	64500	67750	70450	72650	74400	75700	77500	68350
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	66800	62150	54800	58150	71350	75600	79200	90050	93700	96000	92500	93100	100600	89000
Upper Quartile	0	0	0	0	0	61000	54500	58000	53400	63800	68450	70000	77950	78950	79500	81600	84100	85300	76250
Median	0	0	0	0	0	48500	47000	52250	48650	54750	59900	61100	66150	67550	69200	68300	71200	73600	65600
Lower Quartile	0	0	0	0	0	44550	41850	46150	45750	47600	54900	53600	57900	59500	61100	59500	63500	64750	56350
Lower Decile	0	0	0	0	0	41900	38600	44250	43050	42900	48950	46600	51100	52700	52950	51500	58150	58350	49000
Mean	0	0	0	0	0	51950	49050	53450	49950	56700	62150	62800	69400	71050	72600	72200	75350	77250	68350
Supporting Data																			
Total Number	2	6	2	6	6	19	24	38	34	220	237	338	329	331	318	260	225	334	2734
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	2	6	3	6	6	5	8	36
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: ALL MANUFACTURING INDUSTRIES, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	42300	43900	45550	47150	48750	50350	51950	55050	59450	63350	66750	69500	71700	73300	74500	76000	65300
Upper Quartile	0	0	39350	40750	42100	43500	44900	46250	47600	50200	53750	56900	59550	61700	63300	64500	65300	66300	56550
Median	0	0	36750	37950	39100	40300	41450	42600	43700	45800	48750	51200	53300	54900	56100	56950	57550	58250	48500
Lower Quartile	0	0	34550	35500	36400	37350	38250	39100	39950	41550	43800	45700	47300	48600	49600	50350	50900	51600	42200
Lower Decile	0	0	32250	33100	33950	34750	35550	36300	37050	38400	40150	41550	42600	43350	43900	44200	44350	44500	37300
Mean	0	0	37300	38500	39700	40850	42000	43150	44300	46450	49400	52000	54150	55900	57250	58200	58900	59800	50350
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	42400	43250	45350	47050	49450	50550	50950	55600	59650	64950	63950	68050	73500	73800	74250	76800	65300
Upper Quartile	0	0	39400	40000	41200	43900	44950	46800	47100	50850	54700	56800	57450	61000	63300	65750	63500	68300	56550
Median	0	0	36850	37000	38300	40800	41450	43250	44150	46150	49250	50600	52050	54550	56050	57800	57450	59000	48500
Lower Quartile	0	0	34750	34800	35600	37600	37600	39400	40700	42150	45000	44200	46350	47200	50050	51200	51900	51850	42200
Lower Decile	0	0	32900	32700	33500	35050	33950	36650	38100	38650	40650	40650	42550	42250	44200	45100	45200	44200	37300
Mean	0	0	37750	37800	38900	41300	41700	43450	44300	46950	50050	51700	52650	55200	57850	58950	58700	60450	50350
Supporting Data																			
Total Number	57	90	134	211	245	268	268	351	315	1072	733	639	687	567	515	446	396	549	7541
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	3
Less Than $22000	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1

1990 ENGINEERING SALARY STATISTICS: ALL MANUFACTURING INDUSTRIES, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	54000	56500	59100	61650	66750	74050	80550	85950	90050	92950	94750	95750	96350	86800
Upper Quartile	0	0	0	0	0	48000	50100	52150	54200	58250	64050	69200	73500	76900	79300	80950	81900	82600	74050
Median	0	0	0	0	0	45500	46800	48150	49450	52100	55950	59500	62600	65200	67150	68550	69450	70250	62300
Lower Quartile	0	0	0	0	0	41250	42700	44100	45450	48050	51500	54350	56650	58400	59650	60500	61050	61500	53350
Lower Decile	0	0	0	0	0	36250	37700	39150	40550	43200	46750	49600	51700	53050	53800	54050	54000	53500	47450
Mean	0	0	0	0	0	45100	46900	48700	50450	53900	58750	63000	66600	69350	71400	72800	73650	74300	65500
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	52600	60400	54800	66000	63900	77400	77900	87750	92600	91500	90850	94850	98400	86800
Upper Quartile	0	0	0	0	0	50500	51600	49850	56000	55900	64100	70850	76900	75650	78900	78100	82350	82700	74050
Median	0	0	0	0	0	48700	46750	47000	51150	50900	55650	59400	63250	66900	68150	67100	67900	69350	62300
Lower Quartile	0	0	0	0	0	47200	40900	42650	47500	47500	51350	54700	56550	58900	61050	58800	60500	61150	53350
Lower Decile	0	0	0	0	0	31400	38700	40700	41000	43750	45850	49850	50300	53700	54550	53750	52550	54000	47450
Mean	0	0	0	0	0	47100	47200	46850	52550	52900	58900	62650	67150	70950	72150	70300	73250	73800	65500
Supporting Data																			
Total Number	6	9	2	6	8	14	39	38	40	122	123	136	190	194	202	125	111	156	1521
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	1	4	2	15
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

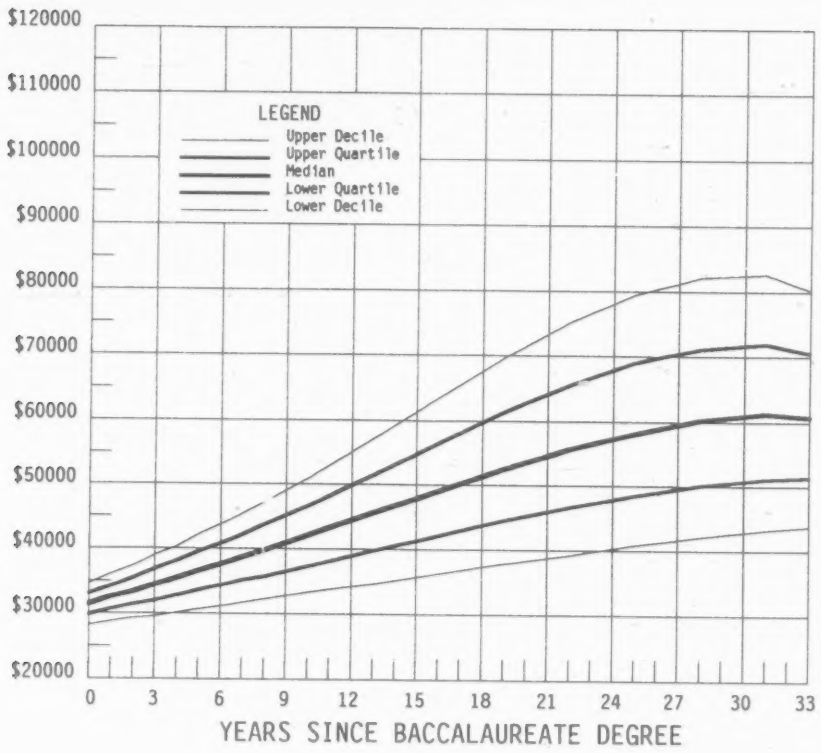
1990 ENGINEERING SALARY STATISTICS: ALL MANUFACTURING INDUSTRIES, SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	85600	89300	94300	100050	105900	111350	115950	119400	123250	106750
Upper Quartile	0	0	0	0	0	0	0	0	0	74950	77150	80000	83350	86950	90550	93850	96700	100950	87750
Median	0	0	0	0	0	0	0	0	0	64950	67000	69400	72050	74850	77750	80550	83150	87850	75550
Lower Quartile	0	0	0	0	0	0	0	0	0	56050	57150	59600	62700	66000	69050	71550	73400	75250	64850
Lower Decile	0	0	0	0	0	0	0	0	0	52000	52700	54400	56600	58950	61200	63100	64550	66150	56900
Mean	0	0	0	0	0	0	0	0	0	66650	68550	71650	75350	79200	82850	85900	88200	90750	79550
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	84000	102500	85500	101800	113950	108500	105000	133750	114000	106750
Upper Quartile	0	0	0	0	0	0	0	0	0	74000	83950	75550	83450	91250	89800	91250	93750	96900	87750
Median	0	0	0	0	0	0	0	0	0	60000	80700	67000	71000	75150	78550	80000	83750	82850	75550
Lower Quartile	0	0	0	0	0	0	0	0	0	54500	66000	55450	61300	70750	68400	72650	74250	69000	64850
Lower Decile	0	0	0	0	0	0	0	0	0	50600	57600	53500	54700	58850	64750	61400	66600	60550	56900
Mean	0	0	0	0	0	0	0	0	0	64300	78450	67950	73900	82650	83100	83450	90300	84750	79550
Supporting Data																			
Total Number	0	0	2	0	0	0	2	1	2	14	18	48	65	71	73	34	33	54	420
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	1	4	1	15
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: ALL MANUFACTURING INDUSTRIES, NON-SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	51650	53800	55950	58100	62250	68050	73050	77050	80000	82000	83200	83800	84100	77000
Upper Quartile	0	0	0	0	0	47750	49450	51100	52750	55950	60400	64300	67600	70200	72150	73500	74450	75500	67200
Median	0	0	0	0	0	46100	46900	47850	48800	50900	54200	57400	60250	62600	64300	65450	66150	66700	58350
Lower Quartile	0	0	0	0	0	41700	42900	44100	45250	47450	50400	52900	54900	56350	57450	58150	58600	59000	51150
Lower Decile	0	0	0	0	0	36850	38000	39150	40250	42400	45250	47650	49550	51000	52000	52650	53050	53400	45600
Mean	0	0	0	0	0	45000	46450	47950	49400	52150	56000	59300	62000	64100	65650	66700	67400	68150	60250
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	52600	53900	53600	62950	60800	66800	73950	83000	78700	79600	78500	85250	84000	77000
Upper Quartile	0	0	0	0	0	50500	51050	49400	53750	54500	58950	65250	71650	69400	72800	70550	72400	74750	67200
Median	0	0	0	0	0	48700	46250	46400	50900	50150	54300	58100	60800	62650	64300	64700	64300	66000	58350
Lower Quartile	0	0	0	0	0	47200	40700	42500	47250	47100	50700	53950	55000	55950	57650	57300	57100	58500	51150
Lower Decile	0	0	0	0	0	31400	38650	40400	40850	43250	45050	47800	48450	50800	52950	52700	50900	53100	45600
Mean	0	0	0	0	0	47100	46500	46400	51400	51450	55150	59700	63750	64150	66050	64700	65700	67400	60250
Supporting Data																			
Total Number	6	9	0	6	8	14	37	36	38	108	104	86	124	123	129	89	78	102	1100
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

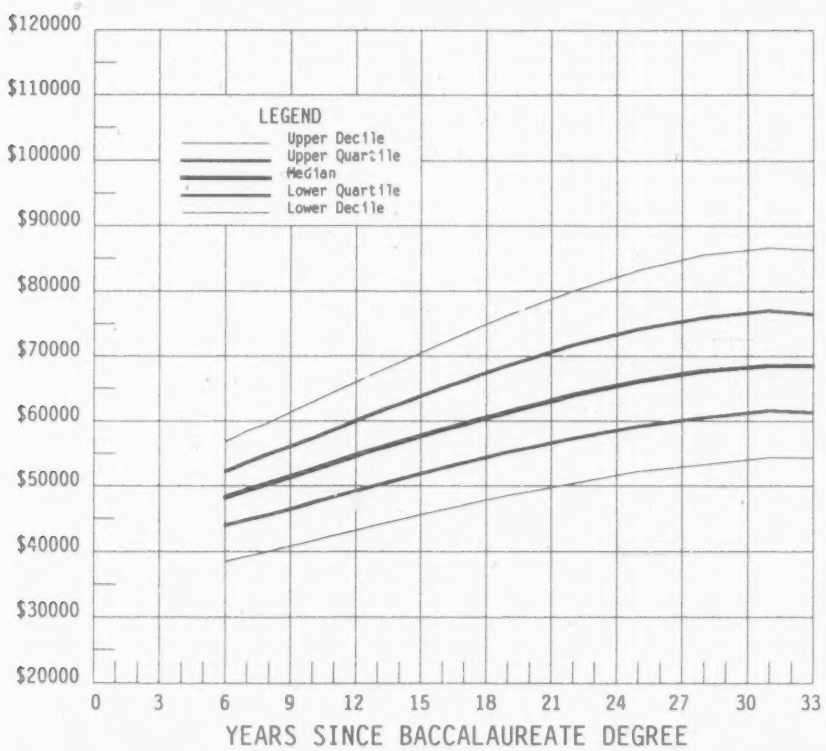
SALARY CURVES FOR ENGINEERS IN AEROSPACE
ALL ENGINEERS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: AEROSPACE

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34550	35950	37350	38850	40400	42050	43700	45450	47250	51050	57100	63450	69650	75200	79600	82200	82600	73550	67300
Upper Quartile	33100	34250	35500	36750	38050	39400	40800	42250	43750	46800	51600	56500	61300	65550	69000	71200	71950	66600	56250
Median	31550	32500	33450	34450	35500	36550	37600	38700	39850	42100	45650	49150	52550	55650	58250	60150	61200	59400	43050
Lower Quartile	29950	30650	31350	32100	32800	33550	34300	35100	35850	37400	39800	42150	44400	46550	48450	50000	51200	52050	35500
Lower Decile	28300	28750	29250	29700	30200	30700	31200	31700	32200	33200	34750	36300	37800	39250	40700	42000	43150	45500	31500
Mean	31400	32350	33350	34400	35450	36550	37650	38800	39950	42350	46000	49700	53250	56500	59150	61100	62050	59750	46800
Raw (Unsmoothed) Statistics																			
Upper Decile	33550	34600	36500	38250	40200	41750	45300	46600	49250	53300	59400	63300	70400	71650	76300	75850	77650	76350	67300
Upper Quartile	32150	33100	34700	36750	37850	39250	41550	43300	45300	48300	53550	55600	61750	63800	66700	67900	68050	68550	56250
Median	30950	31500	32650	34700	35750	36550	38150	39300	40650	43050	45850	48100	51000	55400	58100	60050	59450	60100	43050
Lower Quartile	29650	30200	30650	32250	33200	33850	34900	35350	36500	37800	38700	40650	42050	46450	50550	51950	51000	51750	35500
Lower Decile	28350	28600	28750	30150	30600	31050	31250	31750	32650	33350	32900	35200	35700	38900	42850	44750	44550	44550	31500
Mean	30950	31600	32650	34350	35600	36450	38300	39400	40950	43250	46400	48750	52550	55700	58950	60100	60350	60550	46800
Supporting Data																			
Total Number	301	423	536	795	827	746	721	584	503	1152	781	562	583	598	780	635	841	1754	13122
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2	0	4
Less Than $22000	2	0	1	1	0	1	1	1	0	1	0	0	0	1	1	0	0	0	10

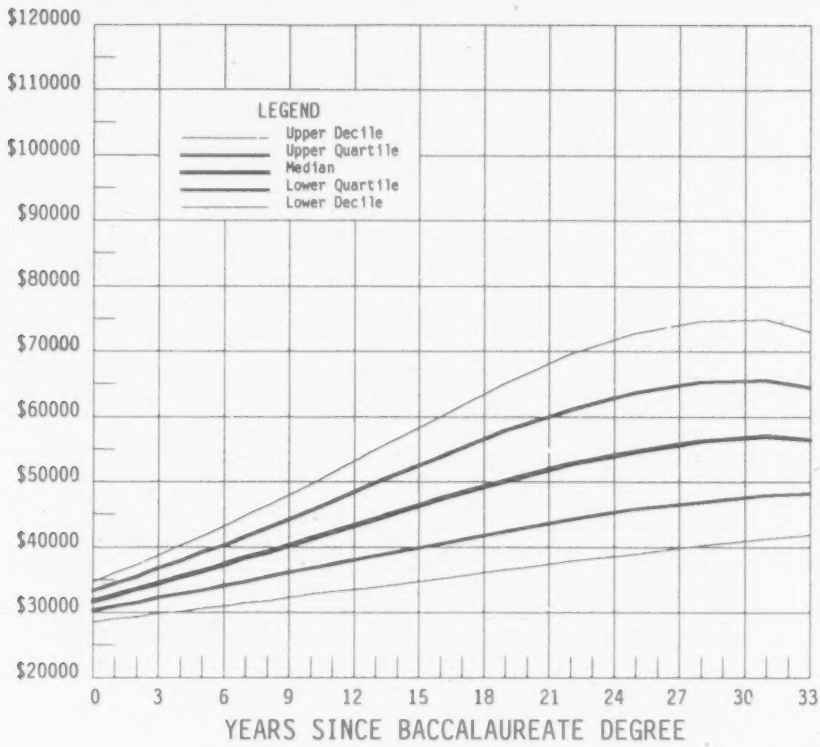
SALARY CURVES FOR ENGINEERS IN AEROSPACE SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: AEROSPACE, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	56850	58350	59850	62850	67450	71950	76250	80050	83250	85550	86800	84750	82550
Upper Quartile	0	0	0	0	0	0	52250	53550	54850	57400	61300	65100	68600	71700	74250	76050	77000	75100	73000
Median	0	0	0	0	0	0	48250	49300	50350	52450	55600	58600	61450	64000	66100	67700	68650	68000	64650
Lower Quartile	0	0	0	0	0	0	43950	44850	45700	47500	50200	52750	55150	57350	59150	60550	61500	61300	56600
Lower Decile	0	0	0	0	0	0	38450	39250	40050	41650	44000	46350	48500	50450	52150	53450	54350	54400	48550
Mean	0	0	0	0	0	0	48450	49550	50600	52800	56000	59150	62050	64700	66850	68450	69450	68600	65100
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	58400	57600	55900	61800	67250	71750	81950	81800	82800	82850	85100	85400	82550
Upper Quartile	0	0	0	0	0	0	51900	52500	52800	56700	61600	65500	73250	71550	74050	74200	76000	75550	73000
Median	0	0	0	0	0	0	48200	46600	47750	52900	56550	57350	65100	63550	66300	66400	67700	68350	64650
Lower Quartile	0	0	0	0	0	0	41750	44200	43250	48550	51700	51000	56250	57550	58750	60750	60850	61500	56600
Lower Decile	0	0	0	0	0	0	36600	41450	37100	43900	43050	44300	47700	51650	53300	53300	53300	54500	48550
Mean	0	0	0	0	0	0	48350	49450	47850	52800	56550	57600	65200	64650	66950	67300	68850	68850	65100
Supporting Data																			
Total Number	0	0	1	0	3	8	22	26	21	99	111	96	139	188	295	232	296	585	2122
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2	0	4
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2

SALARY CURVES FOR ENGINEERS IN AEROSPACE NON-SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: AEROSPACE, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34750	36050	37350	38750	40150	41650	43150	44700	46350	49650	54850	60100	65150	69500	72850	74700	74850	67500	60200
Upper Quartile	33300	34400	35550	36700	37900	39150	40400	41700	43000	45700	49850	53950	57800	61150	63750	65300	65700	60950	50250
Median	31800	32650	33550	34500	35400	36350	37350	38300	39300	41300	44350	47350	50150	52700	54750	56200	56950	55300	40200
Lower Quartile	30300	30900	31550	32150	32800	33450	34100	34750	35400	36700	38700	40650	42500	44200	45750	47000	48000	48950	34550
Lower Decile	28550	28950	29400	29800	30200	30600	31050	31450	31850	32700	34000	35300	36600	37850	39050	40250	41350	43850	31000
Mean	31650	32550	33450	34400	35350	36300	37300	38300	39300	41350	44500	47550	50450	53000	55100	56550	57300	55400	43250
Raw (Unsmoothed) Statistics																			
Upper Decile	33550	34600	36500	38250	40150	41600	44450	46100	48750	51600	57000	59700	63950	66150	67150	70200	69750	70500	60200
Upper Quartile	32150	33100	34700	36750	37850	39200	41250	42900	44900	47050	51250	53400	55650	59500	60750	62750	62050	62950	50250
Median	30950	31500	32650	34700	35750	36550	38050	39000	40450	42350	44100	46450	48400	51900	53700	55900	55400	56200	40200
Lower Quartile	29650	30200	30650	32250	33200	33850	34750	35150	36350	37350	37900	39800	39950	43200	46600	48400	48150	48950	34550
Lower Decile	28350	28600	28750	30150	30600	31000	31150	31600	32500	32950	32300	34750	34800	37200	40650	42350	43100	43050	31000
Mean	30950	31600	32650	34350	35550	36400	38000	38950	40650	42350	44700	46950	48600	51600	54100	55950	55700	56400	43250
Supporting Data																			
Total Number	301	423	535	795	824	738	699	558	482	1053	670	466	444	410	485	403	545	1169	11000
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	2	0	1	1	0	1	1	1	0	1	0	0	0	0	0	0	0	0	8

1990 ENGINEERING SALARY STATISTICS: AEROSPACE, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34200	35550	36950	38400	39900	41500	43100	44800	46600	50250	56100	62150	68050	73350	77450	79800	80100	71400	63600
Upper Quartile	32900	34050	35250	36450	37700	39000	40350	41700	43100	46050	50550	55150	59550	63550	66700	68750	69450	64650	52750
Median	31450	32350	33300	34250	35200	36200	37200	38250	39250	41400	44650	47900	51050	53850	56250	58050	59050	57750	40550
Lower Quartile	30050	30650	31300	31950	32600	33250	33900	34600	35250	36650	38700	40750	42750	44600	46350	47800	49050	50550	34450
Lower Decile	28350	28750	29150	29550	30000	30400	30800	31250	31650	32550	33850	35150	36500	37850	39150	40450	41700	44600	30900
Mean	31250	32150	33150	34100	35100	36150	37200	38250	39350	41600	45000	48450	51700	54700	57150	58950	59950	58050	44500
Raw (Unsmoothed) Statistics																			
Upper Decile	33350	33950	35950	38000	40000	41150	44450	46050	49250	52550	58550	60850	67700	69550	72550	73350	74550	74300	63600
Upper Quartile	32000	32900	34300	36600	37700	38800	40950	42950	44900	47600	52250	54300	58050	62100	63850	64650	65950	66550	52750
Median	30900	31400	32400	34550	35550	36250	37900	38900	40150	42350	43800	46700	49400	54200	55950	57350	58100	58300	40550
Lower Quartile	29600	30150	30500	32150	33000	33550	34550	34900	35950	37100	37550	39650	39550	44100	48600	49450	49400	50250	34450
Lower Decile	28350	28500	28600	30050	30350	30800	30900	31250	32200	32750	31600	34450	34350	37450	41250	43200	43750	43650	30900
Mean	30700	31350	32300	34200	35350	36050	37850	38900	40550	42600	45100	47450	50050	53800	56700	57800	58500	58850	44500
Supporting Data																			
Total Number	290	400	493	732	749	653	634	489	432	953	603	408	385	387	496	396	574	1316	10390
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	2
Less Than $22000	2	0	1	1	0	1	1	1	0	1	0	0	0	1	1	0	0	0	10

1990 ENGINEERING SALARY STATISTICS: AEROSPACE, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	55250	56700	58200	61150	65650	70050	74200	77950	81000	83150	84350	82050	79700
Upper Quartile	0	0	0	0	0	0	51150	52350	53550	55950	59600	63100	66450	69400	71850	73700	74800	73650	71050
Median	0	0	0	0	0	0	47550	48500	49500	51450	54400	57250	59900	62300	64350	65900	66950	66900	62850
Lower Quartile	0	0	0	0	0	0	42150	43000	43900	45650	48250	50750	53150	55350	57250	58750	59800	60150	54350
Lower Decile	0	0	0	0	0	0	37800	38400	39050	40300	42150	44000	45700	47300	48750	49950	50900	52000	45900
Mean	0	0	0	0	0	0	47250	48300	49300	51350	54350	57300	60100	62550	64650	66250	67300	66950	62950
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	56200	55700	56400	60200	65850	70300	77850	80100	81400	80500	82300	82650	79700
Upper Quartile	0	0	0	0	0	0	50250	50750	53250	55800	59850	63200	72300	67850	72000	71950	74150	74000	71050
Median	0	0	0	0	0	0	47300	45950	46600	53000	54800	56300	62900	61550	64800	64550	66400	67150	62850
Lower Quartile	0	0	0	0	0	0	37900	43450	42750	48300	49350	48500	51350	55900	57200	58800	60100	60100	54350
Lower Decile	0	0	0	0	0	0	36450	41100	36900	44400	41600	38600	42050	46800	51950	50850	51250	51600	45900
Mean	0	0	0	0	0	0	45900	47850	47650	52500	54550	55700	62450	62200	65100	65300	66850	67100	62950
Supporting Data																			
Total Number	0	0	1	0	3	6	19	21	19	78	82	64	77	118	176	133	207	413	1417
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	2
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2

1990 ENGINEERING SALARY STATISTICS: AEROSPACE, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34400	35650	36950	38300	39700	41100	42600	44150	45700	48950	53950	59000	63750	67850	70850	72400	72350	64800	57500
Upper Quartile	33150	34200	35300	36400	37600	38750	40000	41200	42500	45050	49000	52900	56500	59650	62100	63550	63850	59450	47700
Median	31700	32500	33400	34250	35150	36050	36950	37850	38800	40700	43550	46350	48950	51300	53200	54600	55350	54100	38650
Lower Quartile	30300	30850	31400	32000	32550	33150	33700	34300	34900	36050	37850	39550	41250	42800	44250	45550	46600	48050	33700
Lower Decile	28600	28950	29250	29600	29950	30350	30700	31050	31400	32150	33250	34400	35550	36700	37850	39050	40150	43100	30600
Mean	31500	32350	33200	34100	35000	35900	36850	37800	38750	40700	43650	46500	49200	51600	53550	54900	55600	54000	41550
Raw (Unsmoothed) Statistics																			
Upper Decile	33350	33950	35950	38000	39950	41000	43850	45550	48700	50750	56250	58350	61300	64950	63650	67150	65750	68050	57500
Upper Quartile	32000	32900	34300	36600	37700	38800	40800	42600	44450	46500	50050	52100	53900	57350	58500	60250	60000	61550	47700
Median	30900	31400	32400	34550	35550	36250	37800	38600	39950	41650	42550	45550	47450	49750	52200	54200	54100	54900	38650
Lower Quartile	29600	30150	30500	32150	33000	33550	34450	34650	35750	36650	36850	39000	38350	41650	45050	46750	47050	48100	33700
Lower Decile	28350	28500	28600	30050	30350	30800	30800	31100	32000	32400	31400	34200	33650	35950	39500	41050	42300	42350	30600
Mean	30700	31350	32300	34200	35300	36050	37600	38500	40200	41700	43600	45900	46950	50050	52050	54000	53800	55050	41550
Supporting Data																			
Total Number	290	400	492	732	746	647	615	468	413	875	521	344	308	269	320	263	367	903	8973
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	2	0	1	1	0	1	1	1	0	1	0	0	0	0	0	0	0	0	8

1990 ENGINEERING SALARY STATISTICS: AEROSPACE, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	40750	42200	43700	45200	46800	48450	50100	53600	59150	64800	70450	75600	79950	83000	84450	79700	74500
Upper Quartile	0	0	38100	39350	40650	41950	43300	44700	46150	49100	53750	58450	63050	67300	70850	73400	74750	71700	64700
Median	0	0	35850	36900	37950	39050	40150	41250	42400	44750	48350	51950	55400	58600	61300	63400	64650	63400	53650
Lower Quartile	0	0	34000	34800	35550	36400	37200	38000	38850	40550	43100	45650	48150	50550	52650	54500	55950	57350	42500
Lower Decile	0	0	32050	32650	33250	33800	34400	35000	35600	36800	38600	40350	42050	43650	45150	46450	47500	49100	36750
Mean	0	0	36350	37400	38450	39550	40650	41800	42950	45300	48900	52550	56050	59250	62050	64150	65450	64400	54750
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	40000	40500	41650	44400	48950	48850	48900	56550	60400	65050	73450	74950	78700	77650	82700	81550	74500
Upper Quartile	0	0	37400	37750	39550	41000	43750	45400	46350	50950	55750	58350	66050	66500	69150	70300	72400	73350	64700
Median	0	0	35800	36250	37250	38700	40450	40550	43250	45350	50050	51500	55400	58400	61400	63350	62300	64200	53650
Lower Quartile	0	0	34250	34550	35200	36400	36800	37350	39550	41350	44350	44000	47050	50450	53200	55950	54700	57450	42500
Lower Decile	0	0	32450	32100	33250	33400	34600	34700	37050	37750	38400	38900	41200	42150	46100	48400	47500	48750	36750
Mean	0	0	36600	36300	37650	38950	41500	41700	43200	46150	50300	51700	57150	58550	61850	63300	64100	65100	54750
Supporting Data																			
Total Number	11	23	43	63	77	92	82	88	67	182	163	136	165	188	239	211	241	405	2476
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: AEROSPACE, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	67750	71750	75600	79200	82350	85050	87000	88250	87350	85550
Upper Quartile	0	0	0	0	0	0	0	0	0	61500	64850	68050	71100	73850	76200	78100	79400	79750	75800
Median	0	0	0	0	0	0	0	0	0	55100	58100	60950	63700	66150	68250	69950	71100	71400	67700
Lower Quartile	0	0	0	0	0	0	0	0	0	52150	54350	56450	58400	60150	61600	62800	63650	64050	60850
Lower Decile	0	0	0	0	0	0	0	0	0	40750	52850	56050	56700	56850	56850	56850	56850	56850	54650
Mean	0	0	0	0	0	0	0	0	0	56800	59750	62600	65250	67600	69650	71200	72250	72300	68950
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	63100	73600	73850	85650	83250	83750	83750	88900	87850	85550
Upper Quartile	0	0	0	0	0	0	0	0	0	60250	65500	66000	73700	75000	75450	75250	81900	79750	75800
Median	0	0	0	0	0	0	0	0	0	52700	59200	59000	67100	67450	67300	68250	71350	71700	67700
Lower Quartile	0	0	0	0	0	0	0	0	0	49600	56600	53400	60900	61700	61000	62250	62400	64450	60850
Lower Decile	0	0	0	0	0	0	0	0	0	40700	54550	50450	54600	54600	54500	57350	57600	60400	54650
Mean	0	0	0	0	0	0	0	0	0	53600	62150	60650	68550	68350	68900	69050	73150	72550	68950
Supporting Data																			
Total Number	0	0	0	0	0	2	3	5	2	19	26	26	56	61	105	90	80	163	638
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

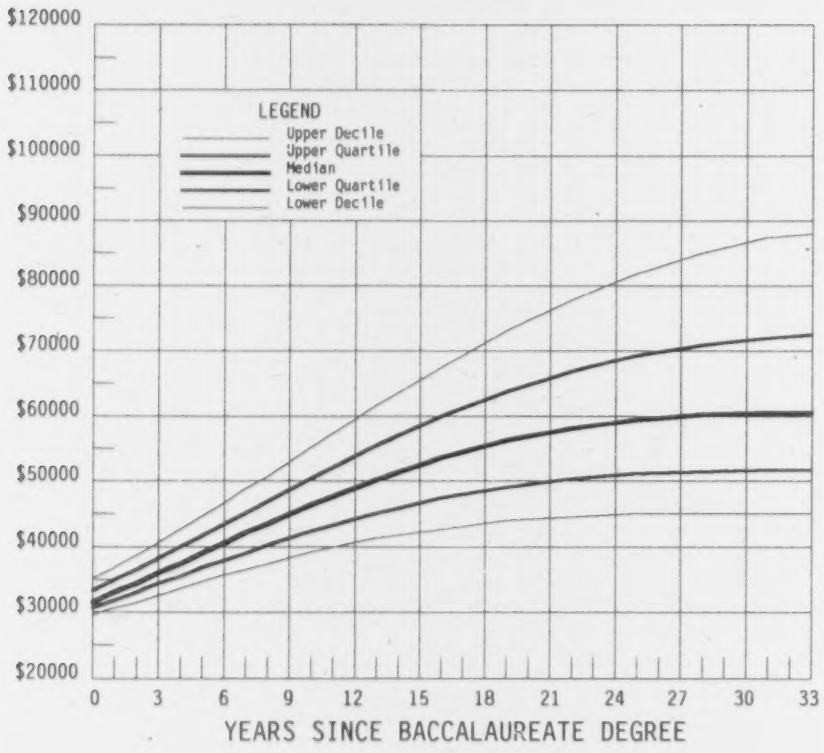
1990 ENGINEERING SALARY STATISTICS: AEROSPACE, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	40800	42050	43400	44700	46100	47500	48950	51900	56450	61000	65400	69400	72650	75000	76100	72900	66800
Upper Quartile	0	0	38200	39300	40400	41600	42750	44000	45200	47700	51550	55350	59050	62350	65100	67150	68250	66350	58200
Median	0	0	36250	37100	38000	38900	39800	40750	41700	43600	46450	49300	52000	54450	56600	58300	59500	59550	47950
Lower Quartile	0	0	34450	35100	35750	36400	37050	37700	38350	39700	41700	43700	45600	47400	49050	50500	51700	53400	39900
Lower Decile	0	0	32400	32900	33350	33850	34350	34800	35300	36250	37700	39050	40400	41650	42750	43750	44600	45900	35800
Mean	0	0	36550	37400	38350	39250	40150	41100	42050	44000	46900	49750	52450	54950	57100	58750	59900	59750	49800
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	40000	40500	41650	44000	48050	47900	48500	54700	57450	62650	66050	66900	70050	71950	75500	74450	66800
Upper Quartile	0	0	37400	37750	39550	40950	43400	44550	46050	49600	53150	55550	58150	61050	63400	66300	67000	67550	58200
Median	0	0	35800	36250	37250	38700	40200	40200	43050	44600	48550	49100	49400	53900	55800	59200	58850	60000	47950
Lower Quartile	0	0	34250	34550	35200	36450	36700	37100	39450	41150	43000	42150	44550	46000	48400	52700	51650	53350	39900
Lower Decile	0	0	32450	32100	33250	33350	34550	34600	37000	37450	37650	38400	38450	40000	43550	45350	45550	45450	35800
Mean	0	0	36600	36300	37650	38850	40650	40850	43000	45250	48050	49550	51250	53900	56350	59000	59650	60150	49800
Supporting Data																			
Total Number	11	23	43	63	77	90	79	83	65	163	137	110	109	127	134	121	161	242	1838
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: AEROSPACE, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	59600	64800	70100	75350	80300	84700	88200	90600	90200	82950
Upper Quartile	0	0	0	0	0	0	0	0	0	55200	59850	64550	69100	73350	76950	79650	81300	79600	71350
Median	0	0	0	0	0	0	0	0	0	51000	54500	57900	61050	63900	66200	67800	68700	66950	62600
Lower Quartile	0	0	0	0	0	0	0	0	0	45350	47500	49650	51750	53850	55900	57850	59650	63500	51400
Lower Decile	0	0	0	0	0	0	0	0	0	41200	41550	42000	43100	45450	48250	51100	53650	57500	44900
Mean	0	0	0	0	0	0	0	0	0	50700	54050	57350	60550	63550	66250	68450	70150	71300	62900
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	57200	67350	72400	74800	82850	84400	87000	87350	91750	82950
Upper Quartile	0	0	0	0	0	0	0	0	0	52600	64350	66000	67150	76500	77850	78000	78000	80950	71350
Median	0	0	0	0	0	0	0	0	0	48500	59000	57350	61200	64350	67350	68000	64000	68400	62600
Lower Quartile	0	0	0	0	0	0	0	0	0	45700	49250	48500	48250	55600	60100	59200	53750	64550	51400
Lower Decile	0	0	0	0	0	0	0	0	0	43550	44750	35600	41800	48950	52700	52400	47900	56600	44900
Mean	0	0	0	0	0	0	0	0	0	49500	57250	56200	59050	65050	68450	68700	65450	72450	62900
Supporting Data																			
Total Number	0	0	0	0	1	1	5	7	4	17	15	18	33	23	45	28	26	33	256
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

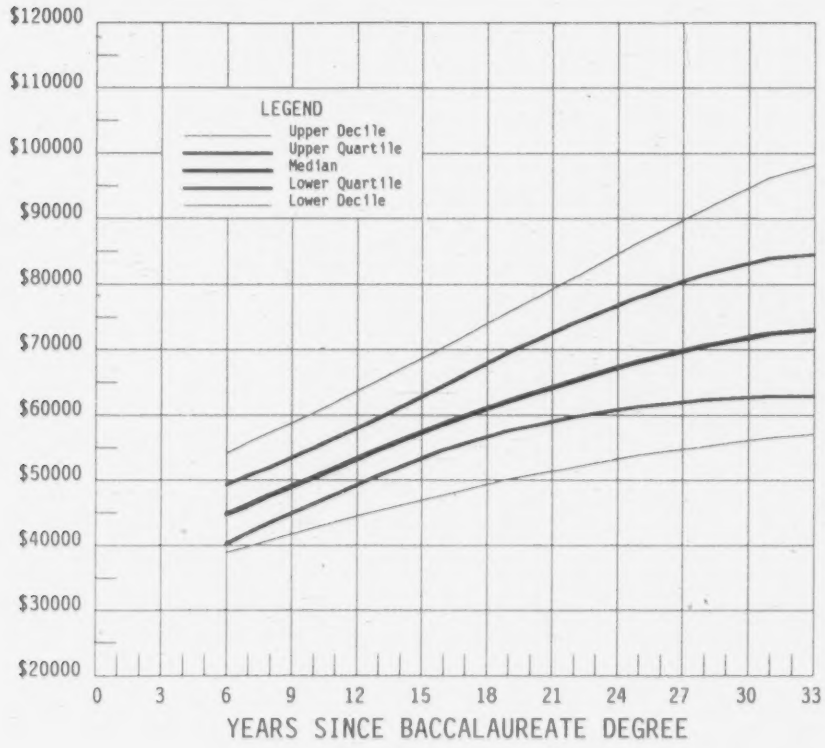
SALARY CURVES FOR ENGINEERS IN BASIC METALS
ALL ENGINEERS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: BASIC METALS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	35100	36850	38700	40600	42550	44550	46600	48700	50800	55100	61500	67600	73200	78000	82000	85100	87350	90400	68600
Upper Quartile	33250	34850	36500	38200	39900	41600	43350	45150	46900	50350	55350	59900	63750	66900	69300	71000	72100	73400	57950
Median	31500	32950	34450	35950	37450	38950	40500	42000	43450	46300	50250	53550	56200	58100	59400	60150	60500	60650	48150
Lower Quartile	30600	31800	33050	34300	35500	36700	37900	39050	40200	42350	45150	47450	49200	50400	51150	51600	51750	51700	41150
Lower Decile	29500	30550	31600	32650	33650	34650	35650	36550	37450	39100	41200	42800	43950	44650	45050	45200	45150	44900	34650
Mean	31850	33300	34750	36250	37800	39300	40850	42350	43900	46850	51050	54750	57900	60350	62150	63450	64250	65150	50950
Raw (Unsmoothed) Statistics																			
Upper Decile	33400	35600	38400	42350	43950	45700	48750	53450	49300	54900	60750	65750	73000	75150	81800	83500	84000	95100	68600
Upper Quartile	32250	34550	35250	39950	40900	41950	44950	46800	46500	50000	55700	59600	63000	65000	67550	72500	69700	74350	57950
Median	31400	32850	33350	36350	37350	39500	42200	43000	43650	45400	50850	53300	56600	56200	58400	62300	61000	57800	48150
Lower Quartile	30700	31300	31750	34600	34900	37500	39550	40450	41150	42000	45300	46250	48450	48250	51350	55600	53250	47900	41150
Lower Decile	30300	30450	30450	33100	30200	36050	36500	38650	38100	39050	41100	42300	42350	43700	46500	47400	48200	40350	34650
Mean	31600	32950	33400	37150	37100	40200	42450	44500	44100	46350	51450	53350	57400	59400	61350	65650	64000	63100	50950
Supporting Data																			
Total Number	43	46	43	38	41	43	55	67	73	213	155	115	135	87	98	85	84	89	1514
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	2	2	2	9
Less Than $22000	0	0	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	4

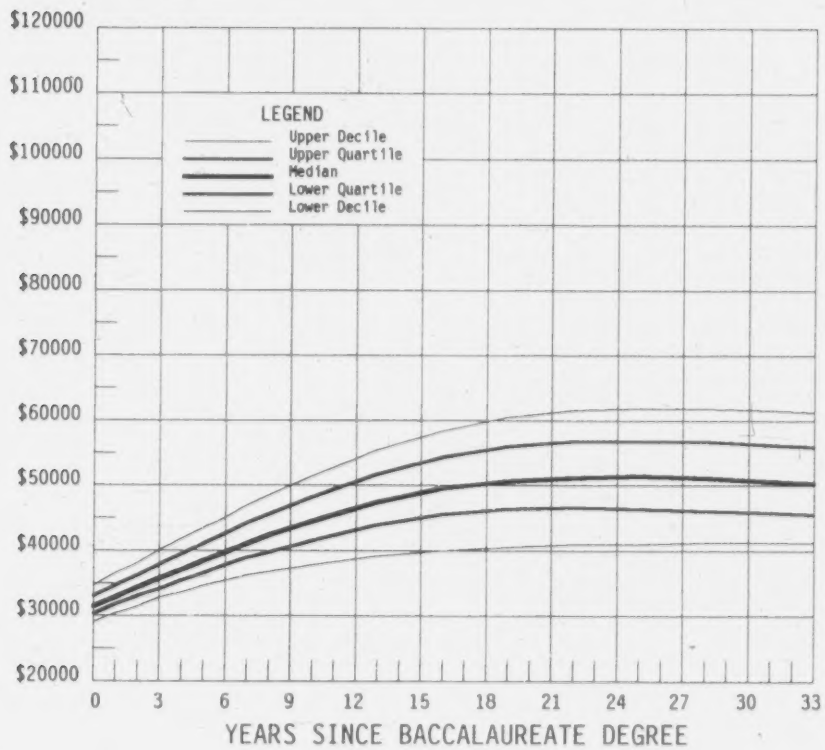
SALARY CURVES FOR ENGINEERS IN BASIC METALS SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: BASIC METALS, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	54250	55700	57200	60350	65250	70400	75750	81150	86500	91550	96150	104450	81700
Upper Quartile	0	0	0	0	0	0	49450	50700	52050	54900	59600	64550	69500	74150	78250	81550	84000	86650	69050
Median	0	0	0	0	0	0	44800	46200	47650	50450	54600	58550	62150	65400	68200	70550	72450	75300	59550
Lower Quartile	0	0	0	0	0	0	40200	41800	43350	46450	50800	54550	57550	59850	61400	62400	62950	63300	51700
Lower Decile	0	0	0	0	0	0	38900	39850	40800	42650	45300	47800	50050	52050	53850	55300	56500	58350	43550
Mean	0	0	0	0	0	0	45300	46750	48250	51200	55700	60000	64100	67900	71250	74150	76550	80350	62400
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	49850	59000	57800	59850	66000	70400	77700	78900	84400	92000	89750	110850	81700
Upper Quartile	0	0	0	0	0	0	47400	53750	49850	55800	59700	64250	68600	74150	80150	81500	79000	89400	69050
Median	0	0	0	0	0	0	42100	46250	46600	51400	55750	59150	61750	63750	67000	70650	68650	79350	59550
Lower Quartile	0	0	0	0	0	0	40050	42300	41400	46250	53050	54950	56650	58150	61000	61650	63150	63250	51700
Lower Decile	0	0	0	0	0	0	38800	40250	38800	42400	47400	48400	49300	50300	53100	53600	58950	57700	43550
Mean	0	0	0	0	0	0	43300	48550	47300	51250	56800	59500	63900	68800	69900	74100	74350	81350	62400
Supporting Data																			
Total Number	1	2	3	4	1	8	11	15	21	63	65	54	73	41	51	42	42	37	535
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	2	2	2	9
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SALARY CURVES FOR ENGINEERS IN BASIC METALS
NON-SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: BASIC METALS, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	34800	36550	38250	40000	41750	43500	45200	46850	48500	51550	55500	58450	60450	61550	61950	61850	61500	60400	56450
Upper Quartile	33100	34650	36250	37900	39500	41050	42600	44150	45600	48300	51750	54300	55900	56750	56900	56700	56250	55150	50200
Median	31500	32900	34350	35750	37150	38500	39850	41150	42400	44650	47500	49500	50750	51300	51400	51150	50700	49700	43850
Lower Quartile	30400	31700	32950	34200	35400	36600	37750	38800	39850	41700	43950	45500	46300	46600	46500	46200	45750	44750	38400
Lower Decile	29200	30450	31600	32700	33700	34600	35400	36150	36850	38000	39250	40100	40650	40950	41150	41250	41300	41300	32900
Mean	31700	33100	34550	35950	37400	38750	40100	41400	42650	45000	47850	49900	51150	51700	51800	51550	51100	50100	44700
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	33400	35450	38000	42550	44000	43300	48200	50700	46950	50250	54800	55950	59450	61850	60600	67750	63050	62800	56450
Upper Quartile	32250	34350	35000	40100	41000	41000	44850	45600	45400	47400	51250	52850	55500	55250	56150	63000	57500	56650	50200
Median	31400	32700	33300	35850	37250	39400	42200	42400	43100	43700	47300	47850	49650	50000	52250	57800	53300	49100	43850
Lower Quartile	30700	31250	31800	34400	34800	37650	39350	39900	41150	41400	43100	44100	44200	45700	47600	52050	50400	43250	38400
Lower Decile	30100	30400	30450	32950	30000	35750	35700	38450	37200	38450	39900	38300	38900	40700	44350	45950	43200	38100	32900
Mean	31600	32800	33200	37050	37000	39550	42250	43250	42800	44300	47600	48000	49750	51000	52050	57400	53700	50100	44700
---------- Supporting Data ----------																			
Total Number	42	44	40	34	40	36	44	53	52	150	90	62	62	46	47	43	42	52	976
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	4

1990 ENGINEERING SALARY STATISTICS: BASIC METALS, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34850	36550	38350	40200	42050	43950	45900	47850	49800	53750	59400	64650	69150	72850	75700	77750	79150	80750	62900
Upper Quartile	33150	34700	36350	38000	39650	41300	43000	44700	46350	49600	54100	58000	61200	63550	65200	66250	66850	67250	53800
Median	31650	33000	34400	35850	37250	38650	40050	41400	42750	45350	48750	51600	53750	55300	56250	56750	57000	56950	45000
Lower Quartile	30550	31750	32950	34150	35350	36550	37650	38800	39850	41850	44400	46450	47850	48800	49300	49500	49500	49200	38800
Lower Decile	29700	30750	31750	32800	33750	34700	35650	36500	37300	38800	40550	41800	42550	42900	42950	42800	42550	41950	32950
Mean	31850	33250	34650	36100	37500	38950	40350	41750	43100	45800	49450	52600	55100	57000	58300	59150	59650	60000	47250
Raw (Unsmoothed) Statistics																			
Upper Decile	33400	35450	37800	42500	44600	44450	49300	51400	48700	52650	58800	62550	66150	74300	79000	75600	75300	83600	62900
Upper Quartile	32250	34350	35100	40250	41000	41400	46000	46050	46250	48150	54700	56900	59900	62150	66800	65350	69000	65000	53800
Median	31400	32700	33300	36850	37350	39300	42250	42600	43550	43850	49050	51900	53550	53500	55750	56800	59600	54500	45000
Lower Quartile	30700	31250	31700	34600	34800	37400	39600	40100	40900	41300	44100	46100	47100	47400	48600	50000	52800	46750	38800
Lower Decile	30300	30400	30450	33000	31200	36150	38100	38700	37500	38500	40000	42200	41100	41100	44750	44300	43700	39600	32950
Mean	31600	32800	33250	37350	37350	39800	42850	43700	43450	44750	49900	51550	53550	56900	58550	58200	60450	59050	47250
Supporting Data																			
Total Number	43	44	42	35	36	37	44	46	55	132	94	72	73	51	55	32	47	51	991
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
Less Than $22000	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	3

1990 ENGINEERING SALARY STATISTICS: BASIC METALS, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	49850	51450	53000	56250	61150	66150	71150	75950	80450	84550	88150	94200	75700
Upper Quartile	0	0	0	0	0	0	47100	48600	50050	53050	57550	61900	66100	70000	73450	76500	79050	83100	64450
Median	0	0	0	0	0	0	43650	44900	46200	48800	52600	56300	59800	63000	65850	68300	70350	73600	56300
Lower Quartile	0	0	0	0	0	0	39700	41100	42400	45050	48700	51950	54700	56900	58550	59750	60550	61550	47950
Lower Decile	0	0	0	0	0	0	39000	39500	40000	41100	42850	44800	46800	48850	50900	52850	54600	57800	40850
Mean	0	0	0	0	0	0	43750	45050	46350	48950	52850	56600	60150	63450	66350	68900	71000	74400	57600
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	49850	0	50900	57300	62200	65450	70800	76800	82750	81250	79200	99750	75700
Upper Quartile	0	0	0	0	0	0	47400	0	48650	53900	57650	61600	64800	72500	76000	74500	73350	83450	64450
Median	0	0	0	0	0	0	42100	0	45500	49250	54500	57000	58500	61350	66300	65000	67000	76650	56300
Lower Quartile	0	0	0	0	0	0	40050	0	40450	44950	51100	53450	52000	57000	58650	55250	61000	61250	47950
Lower Decile	0	0	0	0	0	0	38800	0	38500	41500	43400	48200	43700	48800	52700	45500	56550	57450	40850
Mean	0	0	0	0	0	0	43300	0	45200	49300	54400	56950	58350	64750	67100	64200	68050	76050	57600
Supporting Data																			
Total Number	1	2	3	4	1	6	11	8	17	37	38	32	36	26	28	15	24	21	311
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: BASIC METALS, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34550	36250	37950	39650	41350	43050	44750	46350	47950	50900	54650	57450	59300	60200	60450	60250	59850	58650	53300
Upper Quartile	33250	34750	36250	37750	39250	40750	42150	43550	44900	47400	50600	52950	54450	55300	55550	55400	55100	54200	47650
Median	31700	33050	34350	35650	36950	38250	39500	40700	41850	44000	46650	48650	49950	50700	50950	50950	50700	50050	42150
Lower Quartile	30550	31750	32950	34100	35250	36350	37400	38450	39400	41100	43150	44550	45300	45550	45500	45200	44800	43900	35850
Lower Decile	29850	30750	31650	32550	33400	34200	34950	35700	36350	37600	39050	40000	40600	40900	40950	40800	40650	40150	31900
Mean	31850	33200	34550	35900	37200	38450	39700	40900	42100	44200	46850	48750	50000	50650	50800	50700	50400	49600	42500
Raw (Unsmoothed) Statistics																			
Upper Decile	33400	35250	36200	42650	44750	43350	49000	50300	46800	48900	54700	55000	59300	55250	58600	61200	63400	57350	53300
Upper Quartile	32250	34100	34850	40550	41150	40850	45900	45700	45400	45800	49550	52000	54650	51900	53950	57750	56500	52500	47650
Median	31400	32550	33200	36250	37200	39300	42300	42500	43150	42850	46450	47000	49750	48500	48950	53500	52600	47850	42150
Lower Quartile	30700	31200	31700	34400	34700	37600	39400	39950	41100	40600	42350	44500	42700	44200	45650	48900	45100	41500	35850
Lower Decile	30300	30400	30400	32850	31000	36050	36600	38650	35900	38100	39350	38000	37700	39900	42050	43100	41300	38000	31900
Mean	31600	32650	33050	37250	37300	39500	42700	43300	42650	43000	46800	47300	48900	48700	49700	52950	52550	47150	42500
Supporting Data																			
Total Number	42	42	39	31	35	31	33	38	38	95	56	40	37	25	27	17	23	30	681
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	3

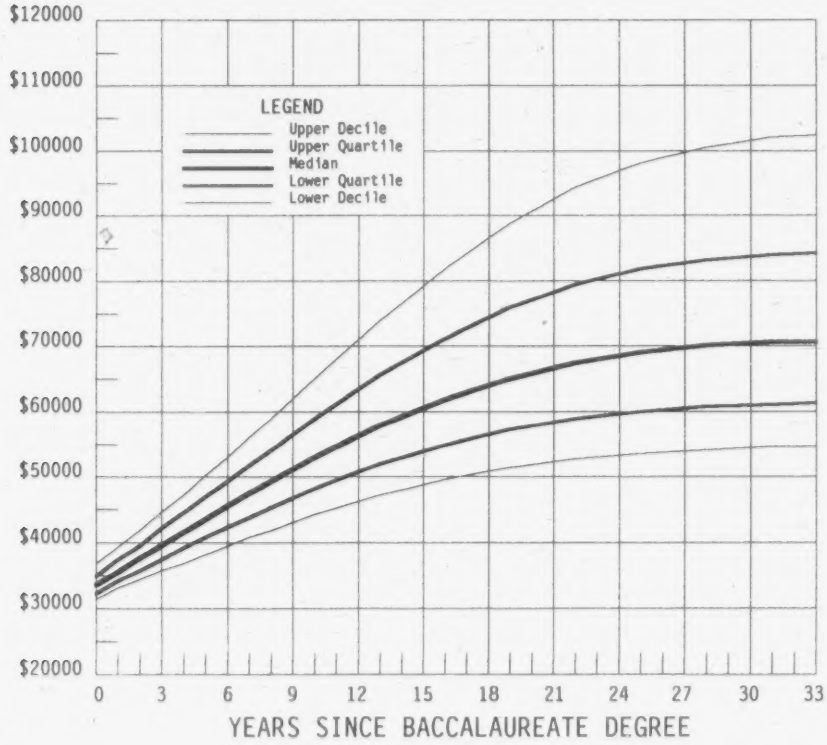
1990 ENGINEERING SALARY STATISTICS: BASIC METALS, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	55400	57400	61450	67350	72850	77850	82200	85800	88650	90800	93850	76100
Upper Quartile	0	0	0	0	0	0	0	50500	49950	52100	58500	64750	69100	71450	72500	72900	73050	73050	63650
Median	0	0	0	0	0	0	0	43250	45050	48550	53300	57100	59850	61500	62250	62350	62100	61000	54100
Lower Quartile	0	0	0	0	0	0	0	41550	42250	43850	46350	48600	50450	51750	52600	53100	53350	53450	45850
Lower Decile	0	0	0	0	0	0	0	38650	39350	40750	42750	44450	45700	46600	47100	47400	47550	47600	41350
Mean	0	0	0	0	0	0	0	46350	46800	48900	53500	58300	62200	64850	66400	67150	67500	67600	57600
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	57800	57200	59100	70800	72150	80000	76800	84500	90500	90000	99250	76100
Upper Quartile	0	0	0	0	0	0	0	51100	48100	52600	58800	63500	67350	71000	73000	77000	74000	73000	63650
Median	0	0	0	0	0	0	0	43800	44400	48500	53650	57000	59000	60800	61350	65000	64000	60650	54100
Lower Quartile	0	0	0	0	0	0	0	41550	41750	43700	48400	46800	48900	48500	54500	59800	54500	48750	45850
Lower Decile	0	0	0	0	0	0	0	38150	39050	41250	43500	42400	44500	45200	51050	52700	51500	38900	41350
Mean	0	0	0	0	0	0	0	46250	46300	49100	54600	56150	61650	61050	65800	71550	70400	67900	57600
Supporting Data																			
Total Number	0	2	1	3	5	6	9	21	17	71	53	39	50	26	34	39	30	23	428
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	2	2	7
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

1990 ENGINEERING SALARY STATISTICS: BASIC METALS, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	50200	51050	51450	55650	59450	61800	62950	63450	63600	63650	63700	60700
Upper Quartile	0	0	0	0	0	0	0	46100	47050	48950	51600	53950	56000	57750	59250	60400	61350	62700	53650
Median	0	0	0	0	0	0	0	43300	43950	45300	47350	49350	51150	52800	54100	55100	55850	56600	47650
Lower Quartile	0	0	0	0	0	0	0	41200	41250	41850	43400	45200	46850	48150	49050	49600	49900	50050	42500
Lower Decile	0	0	0	0	0	0	0	37750	38050	38750	40050	41350	42600	43600	44350	44900	45250	45500	37600
Mean	0	0	0	0	0	0	0	43900	44500	45700	47750	49750	51550	53100	54250	55050	55550	55950	48450
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	51800	48050	52400	54500	60400	58550	62250	61200	67200	62800	63450	60700
Upper Quartile	0	0	0	0	0	0	0	45500	45750	49850	51900	53400	54750	59000	58500	64000	55850	60650	53650
Median	0	0	0	0	0	0	0	42500	43100	46000	48500	50300	47500	49500	55250	60800	53990	53000	47650
Lower Quartile	0	0	0	0	0	0	0	40250	41150	42600	44200	43050	44600	46250	52250	56000	51700	42500	42500
Lower Decile	0	0	0	0	0	0	0	35400	38450	40400	41400	35800	41150	44300	49100	48800	50200	36800	37600
Mean	0	0	0	0	0	0	0	43400	43250	46650	48450	48950	49000	51300	55300	59500	54600	51800	48450
Supporting Data																			
Total Number	0	2	1	3	5	4	9	14	13	46	25	19	21	13	14	16	13	14	233
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

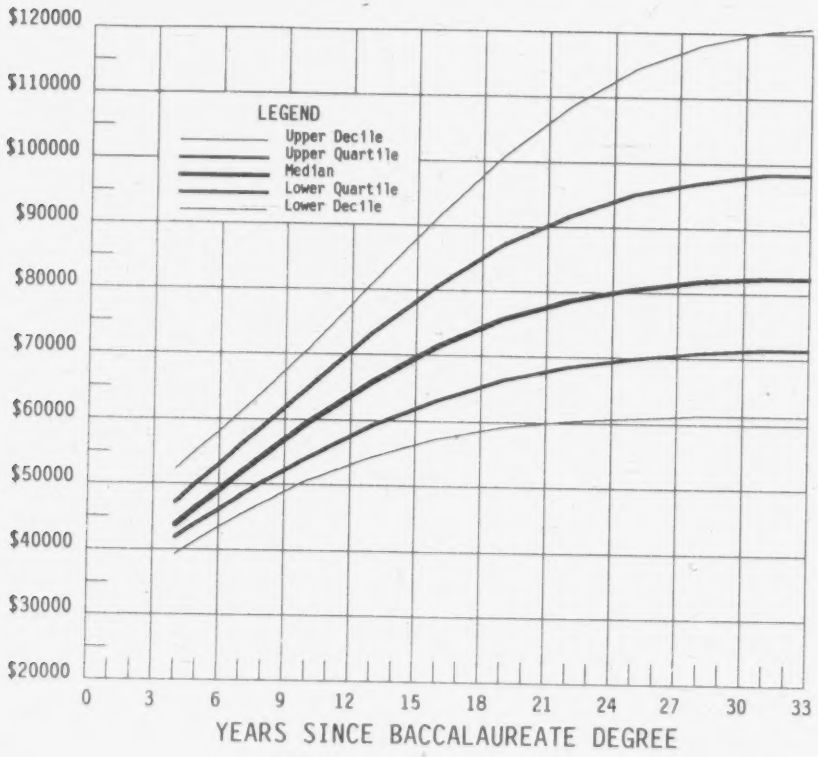
SALARY CURVES FOR ENGINEERS IN CHEMICALS, DRUGS & PLASTICS
ALL ENGINEERS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: CHEMICALS, DRUGS & PLASTICS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	36750	39200	41800	44450	47200	50050	52950	55900	58900	64950	73850	81950	88850	94300	98150	100650	102100	103100	82600
Upper Quartile	35000	37250	39600	42000	44400	46850	49300	51750	54200	58950	65550	71250	75900	79350	81750	83250	84100	84700	68050
Median	33500	35500	37500	39500	41550	43550	45550	47550	49450	53100	57950	62000	65200	67500	69050	70050	70600	70950	56200
Lower Quartile	32400	34100	35800	37450	39100	40700	42300	43850	45350	48200	51900	54900	57250	58950	60050	60800	61150	61450	45800
Lower Decile	31600	32950	34300	35600	36900	38200	39500	40700	41900	44150	47100	49500	51350	52750	53650	54200	54550	54750	37400
Mean	34100	36000	37950	39900	41900	43950	46000	48000	50050	54000	59500	64300	68200	71150	73200	74500	75200	75750	59050
Raw (Unsmoothed) Statistics																			
Upper Decile	37050	39550	41850	43300	46000	49900	52600	55650	58950	65550	74400	81850	89750	96900	97350	99200	105750	98350	82600
Upper Quartile	35500	37400	39700	40650	42850	46300	49000	52300	54550	59350	65950	71650	76250	81050	79750	83500	86600	81650	68050
Median	33850	35750	37500	38450	39900	42800	45500	48550	50200	53350	57900	61650	65600	68750	68450	69050	72850	69350	56200
Lower Quartile	32750	34350	36000	36700	37700	39450	41800	44550	46000	48700	51600	54950	57600	59750	59800	60300	62100	60000	45800
Lower Decile	32100	32900	34300	35000	36200	37100	38800	40850	42750	44500	47200	49250	51400	53550	53700	54000	56300	52800	37400
Mean	34300	36250	38200	39050	40550	43450	45600	48500	50500	54400	59300	64000	68700	72750	72350	74200	77250	73500	59050
Supporting Data																			
Total Number	634	666	561	431	484	618	539	732	1120	2549	1486	1705	1385	1330	1322	1084	728	1278	18652
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	2	9	19	24	29	25	42	150
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

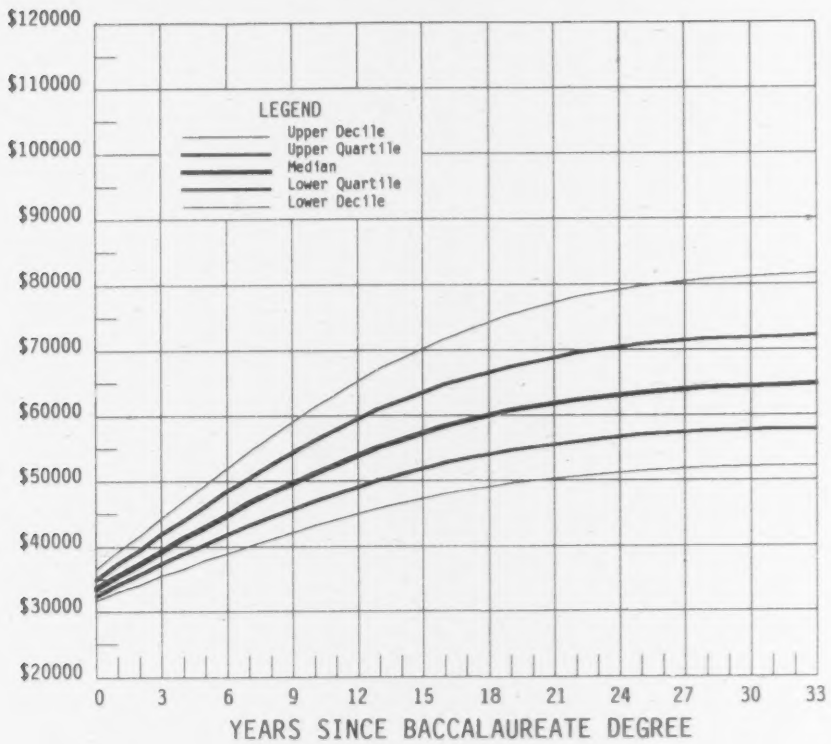
SALARY CURVES FOR ENGINEERS IN CHEMICALS, DRUGS & PLASTICS SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: CHEMICALS, DRUGS & PLASTICS, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	52400	55150	58050	61050	64200	70800	81150	91400	100750	108500	114300	118150	120400	122000	100500
Upper Quartile	0	0	0	0	47150	50050	53000	55950	58950	64900	73400	80900	87100	91850	95100	97150	98300	99050	84850
Median	0	0	0	0	43800	46450	49150	51800	54400	59350	66000	71450	75600	78600	80550	81750	82350	82750	71600
Lower Quartile	0	0	0	0	41950	44100	46250	48350	50350	54150	59200	63250	66350	68550	70000	70900	71350	71700	59850
Lower Decile	0	0	0	0	39250	41450	43500	45450	47300	50550	54450	57250	59100	60250	60900	61250	61400	61450	51250
Mean	0	0	0	0	45100	47600	50100	52600	55100	60050	67000	73150	78150	81900	84500	86100	87000	87600	74650
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	50600	59800	55300	59600	62400	72550	82250	88600	99500	111250	114650	118300	121450	121050	100500
Upper Quartile	0	0	0	0	46250	51400	53500	55450	58450	64600	74750	79750	87600	92650	95550	97350	99400	96800	84850
Median	0	0	0	0	43250	47150	49700	52100	54000	58750	66800	71700	75450	79150	79000	82900	85000	80750	71600
Lower Quartile	0	0	0	0	40700	44250	47000	49550	50150	53450	60350	62500	66700	69750	68900	70300	74100	70350	59850
Lower Decile	0	0	0	0	38350	41350	44850	46050	47300	49800	55200	56750	60000	61400	60700	60550	64600	58550	51250
Mean	0	0	0	0	44100	48900	50250	52650	54450	59850	67800	72400	78700	83050	83100	86250	89650	85750	74650
Supporting Data																			
Total Number	13	15	23	11	26	61	72	125	204	639	494	692	601	625	534	454	312	469	5370
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	2	9	18	22	28	24	37	140
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SALARY CURVES FOR ENGINEERS IN CHEMICALS, DRUGS & PLASTICS NON-SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: CHEMICALS, DRUGS & PLASTICS, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	36600	39150	41700	44250	46850	49400	51900	54350	56750	61250	67100	71850	75450	78050	79750	80800	81400	81800	69800
Upper Quartile	35000	37300	39550	41800	44050	46250	48400	50450	52450	56150	60950	64700	67550	69550	70850	71650	72100	72400	60750
Median	33550	35500	37400	39300	41200	43050	44800	46550	48200	51300	55250	58400	60750	62450	63550	64250	64600	64900	51700
Lower Quartile	32550	34150	35700	37300	38800	40300	41750	43150	44500	46950	50200	52750	54700	56050	57000	57550	57900	58100	42100
Lower Decile	31750	33000	34200	35450	36650	37800	38950	40050	41100	43100	45750	47900	49550	50700	51500	52000	52300	52500	36250
Mean	34050	35950	37850	39700	41600	43400	45200	46950	48650	51800	55950	59300	61850	63650	64900	65650	66100	66400	52750
Raw (Unsmoothed) Statistics																			
Upper Decile	37050	39350	41150	43150	45700	49150	51500	54800	57550	62700	66550	69900	74300	77150	78800	80950	84900	82900	69800
Upper Quartile	35450	37300	39500	40550	42600	45800	48150	51550	53550	57200	59700	63600	66700	68850	71150	71400	74650	72700	60750
Median	33800	35700	37400	38400	39750	42350	44850	47600	49300	51900	54400	57550	59850	62350	63950	64450	65600	64950	51700
Lower Quartile	32750	34350	35950	36700	37600	39150	41350	43900	45400	47500	50050	51850	54300	56550	57400	57450	58650	57350	42100
Lower Decile	32100	32900	34250	34950	36150	36950	38550	40300	42100	43650	45300	47100	48850	50750	52300	52200	54150	51500	36250
Mean	34300	36150	37800	38900	40350	42850	44900	47650	49650	52600	55100	58250	61050	63650	65100	65500	67950	66400	52750
Supporting Data																			
Total Number	621	651	538	420	458	557	467	607	916	1910	992	1013	784	705	788	630	416	809	13282
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	5	10
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: CHEMICALS, DRUGS & PLASTICS, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	36100	38550	41150	43850	46600	49450	52350	55350	58350	64350	73150	81200	88000	93300	97050	99500	100900	101850	79700
Upper Quartile	34700	37000	39400	41800	44200	46650	49150	51550	53950	58650	65050	70500	74800	78050	80250	81650	82450	83000	66150
Median	33300	35350	37400	39500	41550	43550	45550	47500	49400	52950	57650	61450	64350	66450	67900	68750	69250	69600	54600
Lower Quartile	32300	34050	35750	37450	39150	40750	42350	43900	45350	48100	51600	54400	56550	58050	59050	59700	60000	60250	44150
Lower Decile	31450	32850	34300	35650	37000	38300	39600	40800	41950	44150	46900	49150	50800	52000	52800	53300	53550	53750	36500
Mean	33600	35550	37550	39600	41650	43700	45750	47800	49800	53700	59050	63650	67300	70050	71950	73100	73800	74250	57200
Raw (Unsmoothed) Statistics																			
Upper Decile	36750	38450	41100	42600	45000	48650	51700	55500	58750	65200	74550	81050	87950	94750	96050	98000	104600	98000	79700
Upper Quartile	35300	37100	39450	40350	42300	45700	48250	52200	54500	59250	66300	70800	75000	79100	78350	81300	84900	80200	66150
Median	33750	35600	37350	38200	39650	42550	45100	48500	50150	53400	58200	60900	65350	67150	67050	67100	71450	68300	54600
Lower Quartile	32700	34250	35850	36550	37550	39350	41650	44650	46000	48650	51650	54200	57650	58650	58700	58650	61200	58700	44150
Lower Decile	32050	32800	34200	34600	36150	37000	38800	41200	43100	44500	47300	48500	51200	52450	52800	52900	55850	51900	36500
Mean	34000	35750	37650	38400	40050	42750	45050	48450	50500	54300	59400	63300	67800	70850	71100	72250	76250	72350	57200
Supporting Data																			
Total Number	605	615	488	322	398	476	396	562	948	1985	1010	1189	938	884	876	733	503	931	13859
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	3	6	13	16	16	26	81
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: CHEMICALS, DRUGS & PLASTICS, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	49850	53000	56300	59650	63100	70150	80750	90800	99550	106600	111700	115000	116950	118300	98100
Upper Quartile	0	0	0	0	46500	49450	52450	55450	58450	64400	72800	80100	86000	90400	93350	95200	96200	96850	82700
Median	0	0	0	0	43550	46250	48900	51550	54150	59050	65550	70750	74650	77300	79000	79950	80450	80750	69700
Lower Quartile	0	0	0	0	41800	44000	46150	48200	50200	53950	58750	62550	65350	67300	68600	69350	69750	70000	58250
Lower Decile	0	0	0	0	39200	41400	43550	45500	47350	50550	54250	56750	58300	59250	59750	60000	60100	60150	50450
Mean	0	0	0	0	44350	46950	49550	52100	54650	59600	66450	72250	76900	80300	82600	84050	84850	85400	72650
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	49550	53150	54800	59250	62500	71700	81500	88550	96450	107650	112000	114900	120450	119650	98100
Upper Quartile	0	0	0	0	45950	49900	52950	55050	58450	64150	74200	79400	85600	90500	92850	95200	99150	95950	82700
Median	0	0	0	0	42950	46500	49400	52050	54100	58450	66600	70950	74200	78050	76650	80500	84000	79650	69700
Lower Quartile	0	0	0	0	40250	44050	46850	49700	50150	53200	60150	61600	65900	68100	67400	68150	72850	69500	58250
Lower Decile	0	0	0	0	38200	41650	44700	46050	47350	49650	56050	56050	59050	59200	59850	60100	63300	57600	50450
Mean	0	0	0	0	43800	47150	49500	52600	54500	59400	67300	71800	76700	80600	81250	83850	88700	84600	72650
Supporting Data																			
Total Number	12	15	20	7	23	49	61	99	186	535	368	496	414	421	375	328	231	365	4005
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	3	6	12	15	16	26	79
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: CHEMICALS, DRUGS & PLASTICS, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	35850	38450	41050	43650	46250	48800	51300	53700	56050	60400	66000	70350	73600	75800	77250	78100	78600	78850	67250
Upper Quartile	34750	37050	39350	41600	43850	46050	48200	50250	52200	55750	60300	63800	66350	68100	69200	69900	70250	70450	58950
Median	33350	35350	37300	39250	41150	43000	44800	46500	48100	51100	54800	57700	59800	61300	62250	62850	63150	63400	50100
Lower Quartile	32450	34050	35700	37250	38800	40300	41700	43100	44400	46800	49850	52200	53950	55200	56050	56550	56850	57000	40350
Lower Decile	31600	32900	34200	35450	36700	37900	39050	40100	41150	43100	45550	47450	48900	49900	50600	51000	51250	51400	35400
Mean	33600	35550	37500	39450	41350	43200	45000	46750	48400	51450	55350	58400	60650	62250	63300	63950	64350	64600	50900
Raw (Unsmoothed) Statistics																			
Upper Decile	36700	38050	40850	42450	44600	47700	49750	54700	57150	62400	66300	68000	73050	74700	76700	77000	79700	79750	67250
Upper Quartile	35300	37050	39300	40300	42000	45200	47050	51350	53400	57100	59650	62850	66500	67350	68750	67750	72000	71000	58950
Median	33700	35550	37300	38100	39500	42050	44350	47550	49150	51900	54250	57000	59900	60950	62000	61700	64550	63450	50100
Lower Quartile	32700	34250	35750	36550	37450	39050	41200	44050	45400	47350	49650	51050	54350	55700	56450	55700	58050	56150	40350
Lower Decile	32050	32800	34150	34550	36100	36850	38500	40600	42350	43600	45350	46400	48550	49650	51450	50600	53050	50700	35400
Mean	34000	35650	37400	38350	39850	42250	44200	47550	49500	52450	54900	57250	60750	61950	63500	62800	65650	64450	50900
Supporting Data																			
Total Number	593	600	468	315	375	427	335	463	762	1450	642	693	524	463	501	405	272	566	9854
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: CHEMICALS, DRUGS & PLASTICS, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	44750	47000	49350	51800	54300	56950	59700	65300	73850	82100	89400	95300	99650	102500	104150	105300	86600
Upper Quartile	0	0	39450	41850	44300	46750	49300	51800	54300	59250	66250	72400	77450	81250	83950	85550	86600	87300	72200
Median	0	0	37300	39200	41100	43000	44900	46850	48750	52550	57850	62450	66250	69150	71150	72400	73100	73600	59700
Lower Quartile	0	0	35400	37000	38550	40150	41700	43250	44800	47750	51850	55350	58200	60300	61750	62650	63150	63500	49200
Lower Decile	0	0	34600	35600	36650	37750	38850	39950	41100	43400	46750	49750	52250	54150	55500	56400	56850	57200	40500
Mean	0	0	39200	40850	42550	44300	46100	47950	49850	53700	59400	64700	69200	72750	75300	77000	77950	78600	62800
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	49400	43650	47950	52500	54000	56250	58100	67250	72700	81600	92600	94750	99350	106000	106950	98100	86600
Upper Quartile	0	0	40900	40900	44150	46350	48700	52000	53400	60300	65000	72650	78300	83750	82100	87850	88850	82650	72200
Median	0	0	38300	38800	40750	42200	44700	47000	48650	53100	57500	62600	65400	70950	70800	73700	75350	70350	59700
Lower Quartile	0	0	36700	37000	38200	39050	40850	42850	44400	48400	51550	56450	57200	62350	61700	63100	60550	61950	49200
Lower Decile	0	0	35500	35900	36400	36900	38150	39600	40000	44400	46000	50500	51700	56000	56050	56850	55600	54600	40500
Mean	0	0	41450	39600	41650	44150	45650	47600	49050	54750	58850	64600	69750	74600	74600	78650	77800	75050	62800
Supporting Data																			
Total Number	21	42	70	97	74	110	97	124	123	403	350	401	333	312	304	224	131	233	3449
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	5	6	8	11	3	10	43
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: CHEMICALS, DRUGS & PLASTICS, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	66550	66650	67400	68700	72550	80800	90900	101600	111600	119800	125650	129150	131750	107050
Upper Quartile	0	0	0	0	0	62150	62500	63300	64400	67550	73650	80650	87600	93650	98400	101600	103550	104900	88500
Median	0	0	0	0	0	49500	51750	54000	56250	60700	67050	72700	77350	80900	83450	85050	85950	86550	75450
Lower Quartile	0	0	0	0	0	45850	47750	49600	51500	55150	60350	64900	68650	71450	73450	74700	75400	75900	64500
Lower Decile	0	0	0	0	0	38750	41300	43700	46050	50300	55550	59450	62100	63850	64950	65550	65850	66050	56750
Mean	0	0	0	0	0	52450	54000	55700	57500	61450	67850	74300	80150	85000	88600	91000	92400	93350	79150
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	74550	0	61350	61850	76300	81400	86750	108050	110300	120250	135000	118000	125700	107050
Upper Quartile	0	0	0	0	0	72350	0	58400	59000	67900	74250	79900	91250	92800	98900	103850	100000	99700	88500
Median	0	0	0	0	0	52250	0	51500	54500	61600	66450	73050	78400	80000	82350	87500	87850	83750	75450
Lower Quartile	0	0	0	0	0	46250	0	48200	50000	56650	60850	63600	68350	72700	72600	76000	77700	73900	64500
Lower Decile	0	0	0	0	0	38300	0	44000	45800	51300	54250	59050	61750	66550	66800	62800	67600	62900	56750
Mean	0	0	0	0	0	56300	0	52600	54150	62850	68150	72800	82400	85000	88250	93400	91100	89950	79150
Supporting Data																			
Total Number	1	0	3	3	2	11	8	20	16	77	99	162	145	144	116	88	48	69	1012
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	5	5	8	11	2	7	38
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: CHEMICALS, DRUGS & PLASTICS, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	44300	46300	48300	50400	52500	54600	56750	60950	66950	72250	76650	80050	82450	83950	84800	85400	73150
Upper Quartile	0	0	39700	41850	43950	46050	48150	50150	52150	55950	61050	65300	68550	70950	72600	73600	74200	74600	63850
Median	0	0	37300	39100	40900	42650	44400	46100	47750	50900	55100	58600	61300	63250	64600	65450	65900	66250	54900
Lower Quartile	0	0	35700	37100	38500	39850	41250	42600	43950	46500	50000	53000	55350	57100	58300	59050	59500	59800	45650
Lower Decile	0	0	34950	35750	36600	37550	38500	39450	40450	42450	45350	47950	50150	51800	53000	53750	54200	54500	39050
Mean	0	0	38600	40200	41800	43400	45050	46650	48250	51400	55750	59550	62600	64950	66550	67550	68150	68550	56000
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	47800	43300	48100	49600	52350	54650	55850	63900	66250	70200	73300	80750	81200	87000	91750	84850	73150
Upper Quartile	0	0	40600	40800	44000	45250	47650	51050	52450	57750	60050	63950	65200	70600	72850	76000	80800	74200	63850
Median	0	0	38100	38750	40600	41800	44200	46100	47950	51750	54850	58550	58950	64500	64750	67150	64250	66450	54900
Lower Quartile	0	0	36650	37000	38150	38900	40500	42250	43950	47500	50200	52600	54000	57700	58600	59600	57700	60300	45650
Lower Decile	0	0	35400	36050	36350	36800	37950	39300	39400	43750	44600	48150	49050	52900	53550	54200	53550	53650	39050
Mean	0	0	39750	39300	41550	42800	44800	46650	48250	52800	55150	59050	60000	65700	66200	69150	70050	68750	56000
Supporting Data																			
Total Number	20	42	67	94	72	99	89	104	107	326	251	239	188	168	188	136	83	164	2437
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	3	5
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: CHEMICALS, DRUGS & PLASTICS, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	56950	56950	58400	60750	67450	79450	90550	98550	103150	105400	106250	106550	106650	94100
Upper Quartile	0	0	0	0	0	52650	52850	53500	55100	59600	67850	75700	81650	85350	87350	88200	88500	88600	77500
Median	0	0	0	0	0	50400	50450	50950	51500	53300	58400	63800	68300	71500	73450	74400	74850	75050	64800
Lower Quartile	0	0	0	0	0	48150	48300	48550	49000	49600	52750	56550	60150	63000	65000	66150	65750	67100	53050
Lower Decile	0	0	0	0	0	46150	46200	46450	47000	47800	49300	52050	54700	56850	58400	59350	59900	60200	49250
Mean	0	0	0	0	0	51100	51250	52000	53000	55150	61400	67800	73050	76600	78600	79600	80000	80150	68600
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	59600	55200	55800	62750	67800	79500	89500	101350	115600	99150	100700	110850	102500	94100
Upper Quartile	0	0	0	0	0	52250	52550	53750	58400	58200	66600	78100	83750	92500	83500	85800	88250	86450	77500
Median	0	0	0	0	0	50250	50400	51400	52900	53050	56000	65650	69800	73350	71450	72900	76000	75250	64800
Lower Quartile	0	0	0	0	0	48100	48300	48850	50750	49500	51400	56750	58900	65350	64950	65750	66900	66800	53050
Lower Decile	0	0	0	0	0	46200	47100	44900	48150	47100	48800	53450	51800	57950	57000	61350	62250	58700	49250
Mean	0	0	0	0	0	51700	50600	51250	54650	54700	59900	69050	73400	81100	75400	77650	81950	79900	68600
Supporting Data																			
Total Number	8	9	3	12	12	32	46	46	49	161	126	115	114	134	142	127	94	114	1344
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	1	7	3	2	6	6	26
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

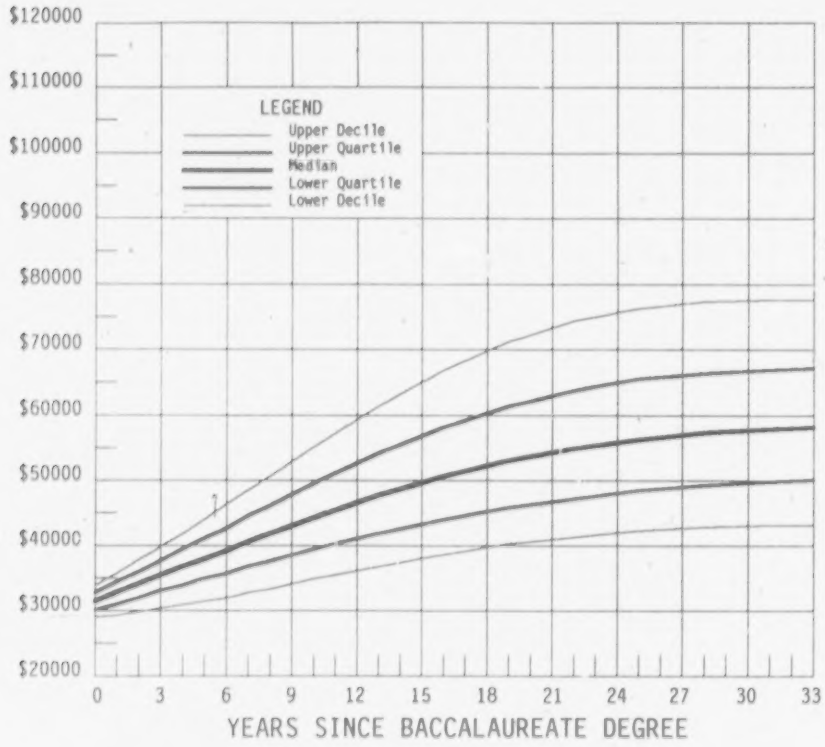
1990 ENGINEERING SALARY STATISTICS: CHEMICALS, DRUGS & PLASTICS, SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	75250	89750	102700	113300	121300	126800	130250	132200	133550	118450
Upper Quartile	0	0	0	0	0	0	0	0	0	62500	81500	92850	98400	100850	101850	102300	102450	102500	96050
Median	0	0	0	0	0	0	0	0	0	56600	70900	79750	84450	86700	87750	88200	88350	88400	80900
Lower Quartile	0	0	0	0	0	0	0	0	0	52550	62100	68300	71850	73750	74700	75200	75400	75500	67850
Lower Decile	0	0	0	0	0	0	0	0	0	48850	56200	59000	59800	60000	60050	60050	60050	60050	53100
Mean	0	0	0	0	0	0	0	0	0	59600	72950	81750	86750	89400	90700	91300	91550	91700	84250
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	75050	93250	94500	116100	132150	117800	119400	147500	131250	118450
Upper Quartile	0	0	0	0	0	0	0	0	0	62500	82700	88100	99150	109600	99400	101550	99400	98750	96050
Median	0	0	0	0	0	0	0	0	0	56350	73000	77500	81650	90000	90400	90000	86500	84150	80900
Lower Quartile	0	0	0	0	0	0	0	0	0	52250	63500	67500	71000	74650	71500	79000	76350	74200	67850
Lower Decile	0	0	0	0	0	0	0	0	0	49700	51700	61850	62950	69150	41900	63200	69200	65000	53100
Mean	0	0	0	0	0	0	0	0	0	59650	73250	79950	85900	95300	85750	90600	94150	89600	84250
Supporting Data																			
Total Number	0	0	0	1	1	1	3	6	2	27	27	34	42	60	43	38	33	35	353
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	1	7	2	2	6	4	23
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: CHEMICALS, DRUGS & PLASTICS, NON-SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	57100	57600	57800	59200	63450	71200	78350	83650	86800	88450	89150	89400	89500	81700
Upper Quartile	0	0	0	0	0	52950	53000	53600	54600	57450	62800	68100	72500	75600	77500	78500	78950	79150	70550
Median	0	0	0	0	0	50450	50650	50950	51550	52100	55650	59750	63550	66550	68650	69850	70500	70850	59900
Lower Quartile	0	0	0	0	0	48100	48250	48550	48950	49550	51650	54950	58200	60900	62850	64100	64800	65200	52000
Lower Decile	0	0	0	0	0	44800	45100	45350	46000	46900	47750	50850	53750	56050	57600	58550	59000	59250	48500
Mean	0	0	0	0	0	51250	51300	51700	52000	53700	58100	62800	66900	69950	71900	73000	73500	73750	63000
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	59800	55000	55600	62850	63400	69100	82800	86350	84750	82750	87100	96500	91850	81700
Upper Quartile	0	0	0	0	0	52250	52250	53400	58600	57350	59400	71300	75000	74350	74650	75600	82300	83150	70550
Median	0	0	0	0	0	50150	50100	51050	53200	52500	53800	59450	63100	66750	69150	69200	72200	71300	59900
Lower Quartile	0	0	0	0	0	48000	48200	48350	50750	49050	51000	55100	55000	60650	64350	64750	65400	65450	52000
Lower Decile	0	0	0	0	0	46100	47050	44000	48000	44600	47950	52550	50450	53600	58200	61200	61400	57900	48500
Mean	0	0	0	0	0	51700	50400	50900	54800	53700	56250	64500	66150	69600	70900	72150	75350	75600	63000
Supporting Data																			
Total Number	8	9	3	11	11	31	43	40	47	134	99	81	72	74	99	89	61	79	991
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	3
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

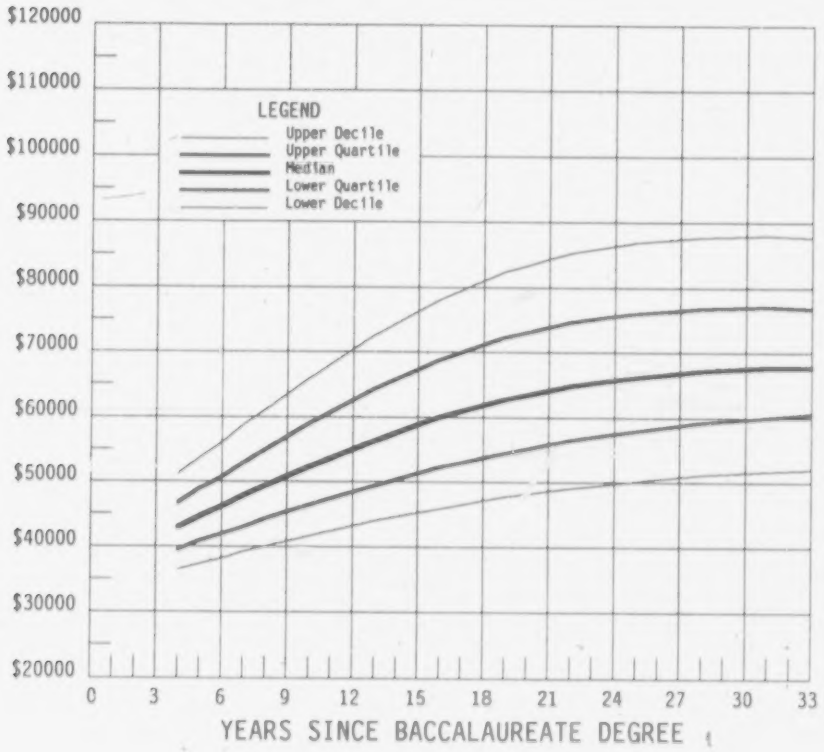
SALARY CURVES FOR ENGINEERS IN ELECTRIC MACHINERY/ELECTRONICS/COMPUTERS
ALL ENGINEERS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: ELECTRIC MACHINERY/ELECTRONICS/COMPUTERS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	33800	35750	37750	39850	41950	44100	46350	48550	50800	55200	61450	66900	71250	74350	76300	77300	77600	77300	66450
Upper Quartile	32750	34350	36000	37650	39350	41100	42800	44500	46200	49550	54200	58200	61450	63850	65500	66500	67050	67300	55150
Median	31450	32750	34050	35400	36700	38000	39300	40600	41900	44350	47750	50700	53150	55000	56400	57400	58000	58650	44550
Lower Quartile	30050	31000	32000	32950	33950	34900	35850	36800	37700	39450	41900	44000	45800	47300	48450	49300	49950	50800	37050
Lower Decile	29100	29450	29850	30350	30900	31500	32100	32750	33450	34850	36900	38750	40300	41450	42300	42850	43150	43350	32300
Mean	31350	32700	34050	35400	36800	38150	39550	40900	42250	44850	48500	51700	54350	56400	57950	59050	59750	60500	47450
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	33950	35650	37600	39700	42400	43950	46550	47800	50750	55500	61650	67750	70250	73000	77200	76850	77900	77450	66450
Upper Quartile	32650	33800	35500	37400	39700	41700	43300	44850	46450	49950	54200	57300	59250	63200	66000	66500	67050	68150	55150
Median	31250	32300	33400	35350	36950	38400	39600	41450	42400	45000	46700	49100	52250	55050	56450	57600	58100	59200	44550
Lower Quartile	30200	30800	31400	32750	34150	35050	35900	37050	38000	40450	40900	43000	45200	47050	47900	50400	50650	50750	37050
Lower Decile	28500	29500	29550	30350	31400	31800	32150	32950	33400	35400	35300	37500	39600	41400	42400	43850	44250	43650	32300
Mean	31650	32700	33600	35200	36950	38250	39550	40950	42300	45450	47950	51250	53600	56400	58550	59550	59800	60400	47450
---------- Supporting Data ----------																			
Total Number	498	750	824	1141	1330	1347	1182	1049	924	2486	1506	1253	1458	1170	1124	1104	1313	2297	22756
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	2	2	2	4	6	3	9	28
Less Than $22000	3	0	1	1	1	1	1	1	0	2	0	0	0	1	1	0	0	0	13

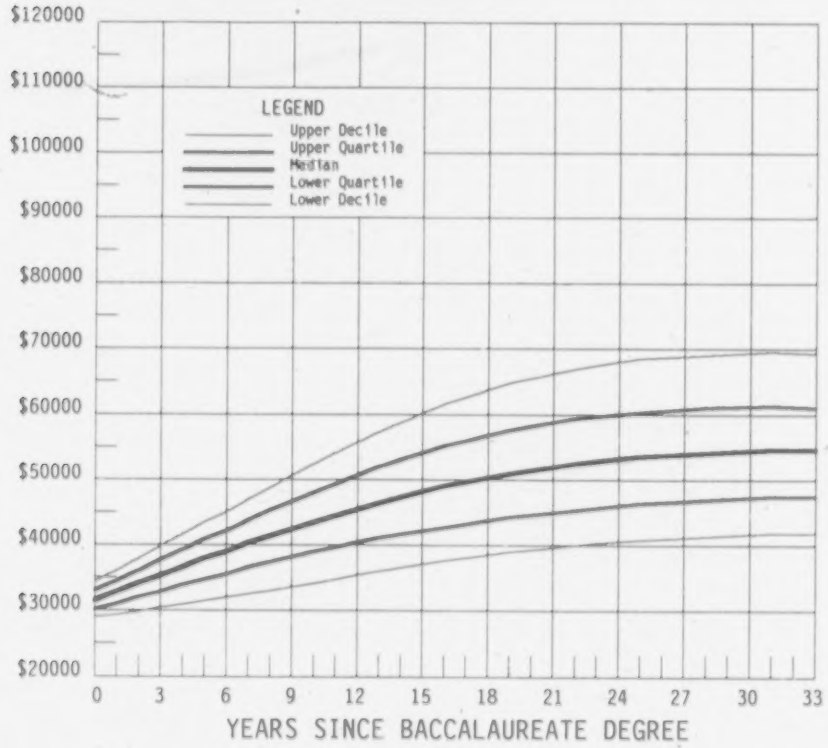
SALARY CURVES FOR ENGINEERS IN ELECTRIC MACHINERY/ELECTRONICS/COMPUTERS SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: ELECTRIC MACHINERY/ELECTRONICS/COMPUTERS, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	51100	53600	56050	58550	61000	65850	72500	78100	82350	85300	87000	87750	87900	87200	83200
Upper Quartile	0	0	0	0	46600	48700	50750	52850	54850	58850	64250	68750	72250	74650	76100	76800	77000	76650	72100
Median	0	0	0	0	42950	44550	46150	47750	49300	52300	56400	59900	62700	64800	66200	67150	67650	68050	62450
Lower Quartile	0	0	0	0	39600	40750	41900	43050	44200	46350	49400	52150	54500	56450	58000	59200	60100	61350	52750
Lower Decile	0	0	0	0	36400	37350	38250	39100	39950	41600	43900	45950	47650	49100	50250	51200	51850	52850	45100
Mean	0	0	0	0	43450	45150	46800	48500	50100	53300	57650	61350	64300	66550	68100	69050	69600	70000	63750
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	53900	52700	58200	55650	57600	67150	73050	76950	83350	83500	88500	88250	86750	87450	83200
Upper Quartile	0	0	0	0	48500	48300	52450	52100	53700	58800	63850	68500	73500	73300	76950	77250	77600	76100	72100
Median	0	0	0	0	43550	44550	47450	46800	48200	52750	55950	59400	63550	63850	67650	66950	67550	67900	62450
Lower Quartile	0	0	0	0	41000	41100	41100	44100	43400	46300	49800	51450	54000	55850	59200	60450	60500	60650	52750
Lower Decile	0	0	0	0	36400	36900	37500	41500	38400	42050	44150	44500	47350	49700	50650	52250	51800	52450	45100
Mean	0	0	0	0	45150	44950	47600	48650	48650	53300	57400	61100	65050	65650	68900	69950	69350	69700	63750
Supporting Data																			
Total Number	1	8	7	18	24	33	57	71	88	363	309	296	333	334	339	336	423	724	3764
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	6	3	9	26
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2

SALARY CURVES FOR ENGINEERS IN ELECTRIC MACHINERY/ELECTRONICS/COMPUTERS NON-SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: ELECTRIC MACHINERY/ELECTRONICS/COMPUTERS, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34350	36100	37900	39700	41500	43350	45200	47050	48900	52450	57350	61500	64700	67000	68400	69200	69500	69350	59300
Upper Quartile	33000	34500	36050	37600	39150	40700	42250	43750	45250	48100	51950	55150	57600	59350	60400	61000	61200	61100	50800
Median	31600	32850	34050	35300	36550	37750	39000	40150	41300	43550	46500	49050	51050	52550	53550	54250	54650	55000	42400
Lower Quartile	30100	31050	32000	32900	33800	34700	35550	36400	37250	38850	40950	42800	44300	45450	46350	47000	47450	48000	35950
Lower Decile	29050	29450	29900	30350	30850	31400	31950	32500	33100	34250	36000	37600	39000	40100	40900	41450	41800	42100	31750
Mean	31600	32800	34050	35300	36500	37700	38900	40100	41250	43500	46500	49100	51200	52800	53900	54700	55200	55700	44250
Raw (Unsmoothed) Statistics																			
Upper Decile	33950	35550	37500	39500	42050	43800	46000	46850	49400	53050	57200	61150	61550	66400	67550	68900	68950	71300	59300
Upper Quartile	32600	33750	35450	37350	39600	41500	42950	44350	45900	48550	51150	53800	55650	58600	59800	61000	60800	62750	50800
Median	31250	32250	33400	35300	36900	38300	39400	41100	41900	44200	44900	46750	50250	52950	53550	54700	54950	55500	42400
Lower Quartile	30200	30750	31350	32700	34100	34950	35700	36800	37600	39650	39600	41850	44050	45200	45650	47350	48100	48250	35950
Lower Decile	28500	29500	29550	30300	31350	31700	32000	32650	33000	34800	34450	36450	38450	39850	41500	42250	43000	42200	31750
Mean	31600	32550	33500	35050	36800	38050	39150	40400	41600	44150	45500	48200	50200	52700	54050	55000	55300	56100	44250
Supporting Data																			
Total Number	497	742	817	1123	1306	1314	1125	978	836	2123	1197	957	1125	836	785	768	890	1573	18992
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
Less Than $22000	3	0	1	1	1	1	1	1	0	2	0	0	0	0	0	0	0	0	11

1990 ENGINEERING SALARY STATISTICS: ELECTRIC MACHINERY/ELECTRONICS/COMPUTERS, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33600	35500	37500	39500	41600	43700	45800	47950	50100	54300	60200	65200	69100	71750	73350	74100	74250	73650	62500
Upper Quartile	32650	34250	35850	37450	39100	40750	42400	44000	45600	48750	53050	56700	59600	61650	63050	63850	64250	64300	52350
Median	31400	32650	33900	35200	36450	37700	38950	40150	41350	43700	46850	49600	51800	53500	54750	55600	56150	56700	42550
Lower Quartile	30050	30950	31850	32750	33650	34500	35400	36250	37050	38650	40850	42750	44400	45750	46800	47650	48250	49100	35750
Lower Decile	29150	29400	29750	30100	30600	31050	31600	32200	32750	34000	35850	37550	39050	40200	41050	41600	41950	42200	31550
Mean	31200	32450	33800	35100	36400	37700	39000	40300	41600	44050	47450	50400	52850	54700	56100	57050	57650	58300	45250
Raw (Unsmoothed) Statistics																			
Upper Decile	33600	35250	37150	39300	42100	43750	46250	46950	50650	55200	60350	64300	67200	70300	72800	74000	74450	74600	62500
Upper Quartile	32350	33650	35150	37250	39600	41400	43000	44450	46150	49400	52650	54900	57050	61100	62050	63400	64900	65600	52350
Median	31150	32150	33150	35150	36850	38100	39300	41200	41800	44500	45350	47450	50700	53800	54400	55650	56650	57300	42550
Lower Quartile	30150	30700	31200	32500	34000	34750	35600	36650	37200	39500	39550	41850	43850	45650	45900	48150	49100	49250	35750
Lower Decile	28450	29400	29350	30200	31100	31500	31900	32350	32450	34500	34150	36100	38050	39950	41300	42550	43550	42600	31550
Mean	31150	32400	33250	34850	36750	37850	39200	40500	41800	44800	46650	49450	51700	54550	55850	57750	58150	58450	45250
Supporting Data																			
Total Number	471	713	750	1034	1202	1193	1039	879	758	1954	1121	869	958	743	693	715	900	1692	17684
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	2	2	2	3	6	2	8	25
Less Than $22000	3	0	1	1	1	1	1	1	0	2	0	0	0	1	1	0	0	0	13

1990 ENGINEERING SALARY STATISTICS: ELECTRIC MACHINERY/ELECTRONICS/COMPUTERS, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	49550	52000	54500	57000	59500	64350	71050	76650	80900	83700	85250	85800	85800	84800	80100
Upper Quartile	0	0	0	0	46250	48200	50150	52100	54000	57650	62650	66800	69950	72200	73600	74300	74550	74350	69850
Median	0	0	0	0	43200	44600	46000	47350	48700	51300	54850	57950	60500	62450	63950	65000	65700	66500	59800
Lower Quartile	0	0	0	0	39450	40500	41550	42550	43550	45450	48150	50550	52700	54450	55900	57100	58000	59250	50500
Lower Decile	0	0	0	0	36650	36700	37500	38300	38700	41550	45000	46950	47800	48100	48200	48200	48200	48200	43600
Mean	0	0	0	0	42950	44550	46150	47750	49300	52250	56350	59850	62650	64750	66200	67150	67700	68150	61550
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	52850	51300	57400	54900	57500	63800	72300	77050	82100	81950	84500	89150	84250	84850	80100
Upper Quartile	0	0	0	0	48100	46700	51900	50950	53550	57650	62250	66900	72450	69950	73550	75050	74750	74200	69850
Median	0	0	0	0	43250	43750	46800	46200	48000	52400	54300	56900	61300	61600	64200	65650	66050	66250	59800
Lower Quartile	0	0	0	0	39900	39100	40700	43600	43000	46100	48250	49500	51850	54300	55850	58900	58850	58600	50500
Lower Decile	0	0	0	0	36100	36700	37450	41300	38000	41600	42300	43000	45500	47500	47500	50600	50250	50400	43600
Mean	0	0	0	0	43900	43650	47000	48100	48300	52450	55800	59900	63500	63650	66050	69350	67600	67750	61550
Supporting Data																			
Total Number	0	6	5	15	21	27	49	62	80	292	233	187	195	209	208	202	291	509	2591
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	6	2	8	24
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2

1990 ENGINEERING SALARY STATISTICS: ELECTRIC MACHINERY/ELECTRONICS/COMPUTERS, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34100	35800	37600	39350	41150	42950	44750	46550	48300	51650	56200	59900	62600	64400	65400	65750	65750	65150	56650
Upper Quartile	32850	34350	35850	37350	38850	40350	41850	43300	44750	47450	51100	54100	56300	57850	58800	59250	59400	59200	48100
Median	31550	32750	33900	35100	36300	37450	38600	39700	40800	42850	45650	47950	49800	51200	52150	52800	53150	53450	40700
Lower Quartile	30150	31000	31850	32700	33500	34300	35100	35900	36650	38050	40000	41700	43100	44200	45100	45800	46250	46900	34800
Lower Decile	29150	29450	29750	30100	30500	30950	31400	31900	32400	33400	34950	36450	37750	38850	39700	40300	40700	41050	31150
Mean	31400	32600	33800	34950	36150	37300	38450	39550	40650	42750	45550	47900	49800	51250	52250	52900	53300	53650	42450
Raw (Unsmoothed) Statistics																			
Upper Decile	33600	35200	37050	39100	41800	43600	45700	46500	49100	52500	55900	58050	59300	63550	62700	64600	65750	67800	56650
Upper Quartile	32350	33600	35150	37200	39500	41200	42700	43900	45500	47800	49800	52100	54700	56900	57400	58800	59250	61100	48100
Median	31150	32150	33150	35100	36800	38000	39100	40700	41200	43600	43500	45900	48800	51100	51200	53650	53800	54200	40700
Lower Quartile	30150	30700	31150	32500	33950	34650	35400	36350	36750	38750	38450	40850	42600	44200	44300	45950	46900	47300	34800
Lower Decile	28450	29400	29300	30200	31050	31450	31650	32100	32100	34000	32850	35250	36800	38550	40200	41400	42400	41350	31150
Mean	31150	32300	33200	34700	36650	37750	38800	39950	41000	43450	44250	46550	48700	51000	51450	53200	53600	54450	42450
Supporting Data																			
Total Number	471	707	745	1019	1181	1166	990	817	678	1662	888	682	763	534	485	513	609	1183	15093
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Less Than $22000	3	0	1	1	1	1	1	1	0	2	0	0	0	0	0	0	0	0	11

1990 ENGINEERING SALARY STATISTICS: ELECTRIC MACHINERY/ELECTRONICS/COMPUTERS, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	40600	42550	44600	46650	48750	50850	52950	57100	63100	68450	72900	76400	78950	80650	81650	82550	73650
Upper Quartile	0	0	38150	39800	41450	43150	44850	46550	48250	51550	56250	60450	64000	66850	69000	70550	71550	72700	62800
Median	0	0	36300	37600	38850	40150	41400	42650	43900	46300	49750	52800	55500	57700	59500	60900	61900	63300	52300
Lower Quartile	0	0	34600	35500	36450	37350	38250	39150	40050	41800	44300	46600	48650	50450	51950	53250	54250	55800	43700
Lower Decile	0	0	32650	33450	34200	35000	35700	36450	37150	38550	40400	42050	43400	44600	45500	46250	46800	47600	38150
Mean	0	0	36750	38100	39450	40800	42150	43500	44800	47400	51000	54250	57050	59300	61100	62450	63400	64650	54350
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	41400	42950	44900	46950	48200	49900	50350	57250	64050	70650	72550	75450	79100	79850	81350	82950	73650
Upper Quartile	0	0	38450	39800	40750	43450	44700	46600	47200	51850	56700	62500	62550	65800	69700	69950	70700	73650	62800
Median	0	0	36150	37050	37850	40500	41750	43250	44450	46650	49900	52750	54400	57000	60250	61700	60800	63900	52300
Lower Quartile	0	0	34300	35150	35550	37650	37900	39250	40700	42750	44800	45200	47700	50600	51900	53700	54150	56100	43700
Lower Decile	0	0	32700	33500	33450	34900	34900	36500	37950	39450	39950	41350	43800	44000	44700	47250	46800	47850	38150
Mean	0	0	37100	38200	38750	41100	41700	43350	44200	47900	51300	54650	56350	58700	61550	62600	63750	65100	54350
Supporting Data																			
Total Number	26	35	73	106	127	152	133	166	158	508	359	344	442	382	370	356	373	552	4662
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: ELECTRIC MACHINERY/ELECTRONICS/COMPUTERS, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	70500	74850	78650	81750	84200	86050	87400	88350	89500	85400
Upper Quartile	0	0	0	0	0	0	0	0	0	63200	67150	70600	73500	75850	77650	79000	80000	81250	75500
Median	0	0	0	0	0	0	0	0	0	55350	59300	62650	65400	67500	69050	70100	70800	71500	66600
Lower Quartile	0	0	0	0	0	0	0	0	0	47950	51900	55350	58150	60300	61850	62850	63500	64100	58750
Lower Decile	0	0	0	0	0	0	0	0	0	44050	49400	53700	54900	55150	55150	55200	55200	55200	50750
Mean	0	0	0	0	0	0	0	0	0	56850	60450	63600	66250	68350	70000	71250	72100	73250	67600
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	72150	73200	76600	82500	84000	88700	87650	87800	88950	85400
Upper Quartile	0	0	0	0	0	0	0	0	0	63900	66850	69400	73350	75850	79100	78750	81150	80500	75500
Median	0	0	0	0	0	0	0	0	0	54500	60600	63350	64600	67400	70500	68450	70450	72050	66600
Lower Quartile	0	0	0	0	0	0	0	0	0	46800	55250	54150	57300	60350	64000	61650	62700	64550	58750
Lower Decile	0	0	0	0	0	0	0	0	0	43950	51650	48050	50200	53450	57050	54700	57500	60100	50750
Mean	0	0	0	0	0	0	0	0	0	56600	61650	62550	66050	68200	71950	70350	71850	73300	67600
Supporting Data																			
Total Number	1	2	1	3	3	6	7	9	7	69	71	94	125	110	108	126	118	197	1057
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: ELECTRIC MACHINERY/ELECTRONICS/COMPUTERS, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	41000	42650	44350	46000	47650	49350	51000	54200	58750	62800	66250	69050	71200	72750	73850	75150	66200
Upper Quartile	0	0	38800	40150	41500	42850	44250	45600	46900	49500	53150	56400	59150	61450	63300	64650	65650	67000	57050
Median	0	0	36550	37700	38850	39950	41100	42200	43250	45350	48250	50750	52950	54700	56050	57100	57900	58900	48500
Lower Quartile	0	0	34750	35600	36450	37250	38100	38900	39700	41200	43300	45200	46850	48300	49450	50400	51100	52200	42050
Lower Decile	0	0	32650	33400	34150	34850	35550	36200	36850	38100	39700	41100	42200	43100	43750	44250	44600	45000	37150
Mean	0	0	36900	38050	39200	40350	41500	42650	43750	45850	48800	51450	53700	55500	57000	58100	58950	60050	50450
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	40950	42800	44500	46300	47100	49050	49850	54600	58700	66500	63850	67700	72650	72000	73650	75700	66200
Upper Quartile	0	0	38250	39700	40550	43150	44200	46100	46950	50550	53750	56750	57100	59650	63550	65500	64250	68800	57050
Median	0	0	36100	37050	37750	40250	41550	42850	44300	46050	48100	49500	52100	54600	55850	57550	57600	59600	48500
Lower Quartile	0	0	34300	35150	35450	37500	37750	39000	40500	42350	43700	44100	46100	47350	48400	51000	51750	52850	42050
Lower Decile	0	0	32700	33450	33400	34750	34750	36400	37850	39000	38850	40450	42650	42200	43500	44850	44850	45050	37150
Mean	0	0	36850	37950	38350	40700	41250	42800	44000	46500	48750	51700	52550	54900	57300	58400	58550	60600	50450
Supporting Data																			
Total Number	25	33	72	103	124	146	126	157	151	439	288	250	317	272	262	230	255	355	3605
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

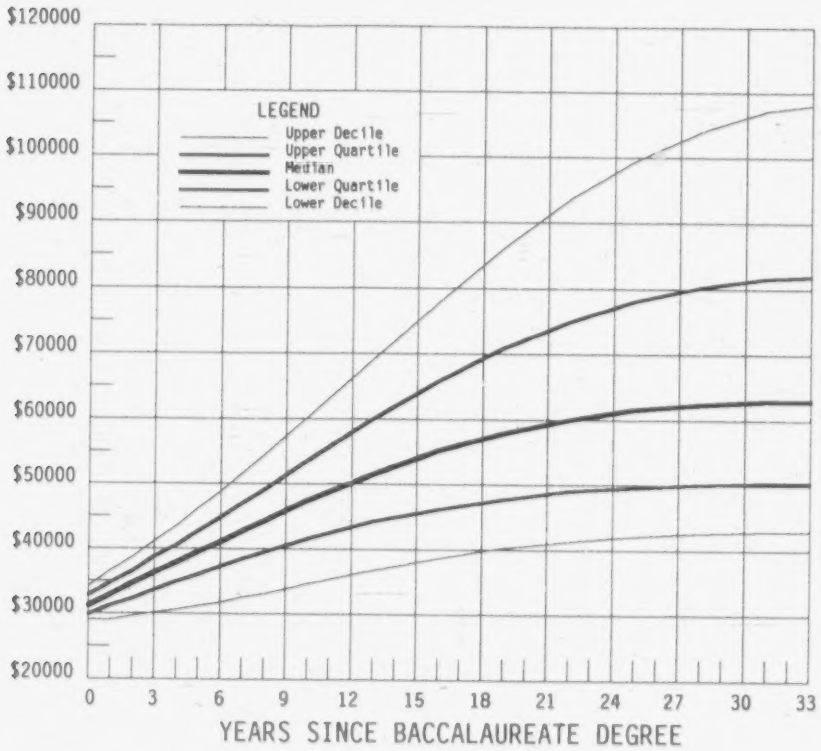
1990 ENGINEERING SALARY STATISTICS: ELECTRIC MACHINERY/ELECTRONICS/COMPUTERS, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	58850	60000	61300	64200	69150	74450	79700	84450	88400	91350	93300	95100	85000
Upper Quartile	0	0	0	0	0	0	48900	50900	52900	56850	62550	67750	72250	75900	78600	80500	81650	82600	74750
Median	0	0	0	0	0	0	44950	46550	48100	51200	55500	59300	62400	64800	66500	67600	68250	68750	62850
Lower Quartile	0	0	0	0	0	0	42100	43250	44350	46500	49500	52050	54150	55800	57100	58000	58650	59400	52950
Lower Decile	0	0	0	0	0	0	41300	41600	41950	42700	43900	45200	46550	47900	49200	50350	51350	52950	45750
Mean	0	0	0	0	0	0	46550	48050	49500	52450	56600	60350	63650	66300	68400	69950	70950	71950	64400
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	66000	0	0	55600	73600	74850	85250	83100	88900	85900	90000	96750	85000
Upper Quartile	0	0	0	0	0	0	52250	0	0	52000	63500	70000	74000	75800	79900	75500	83750	80750	74750
Median	0	0	0	0	0	0	47000	0	0	48300	56000	60000	62500	66350	70350	63500	66000	67800	62850
Lower Quartile	0	0	0	0	0	0	43250	0	0	45200	48500	54200	53500	56250	58600	56200	55250	61250	52950
Lower Decile	0	0	0	0	0	0	41000	0	0	42400	44450	48000	42900	48900	52550	47900	50000	53450	45750
Mean	0	0	0	0	0	0	48850	0	0	49350	57500	61000	64200	66600	70850	65200	70150	72300	64400
Supporting Data																			
Total Number	1	2	1	1	1	2	10	4	8	24	26	40	58	45	61	33	40	53	410
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: ELECTRIC MACHINERY/ELECTRONICS/COMPUTERS, NON-SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	56050	64550	71950	77550	81000	82500	82500	81700	79000	77100
Upper Quartile	0	0	0	0	0	0	0	0	0	52000	58600	64200	68400	71100	72400	72700	72300	70700	67350
Median	0	0	0	0	0	0	0	0	0	48900	53200	56700	59400	61200	62250	62750	62850	62450	57650
Lower Quartile	0	0	0	0	0	0	0	0	0	45000	47500	49700	51550	53000	54150	55000	55600	56350	49950
Lower Decile	0	0	0	0	0	0	0	0	0	42700	42950	43850	45050	46400	47650	48800	49700	50750	43700
Mean	0	0	0	0	0	0	0	0	0	49250	53600	57300	60150	62150	63400	64050	64300	64150	59200
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	54800	65800	72650	81250	78000	81000	75000	86000	80850	77100
Upper Quartile	0	0	0	0	0	0	0	0	0	50750	61000	65000	67750	71350	74000	69000	70000	73000	67350
Median	0	0	0	0	0	0	0	0	0	47850	54500	57650	59150	62650	63000	59600	58650	65800	57650
Lower Quartile	0	0	0	0	0	0	0	0	0	44900	46450	51900	50950	53900	54500	54250	52500	58200	49950
Lower Decile	0	0	0	0	0	0	0	0	0	42200	44100	45500	42250	47750	51400	46250	47900	51500	43700
Mean	0	0	0	0	0	0	0	0	0	48650	54500	57650	59850	62700	64900	61100	62200	65950	59200
Supporting Data																			
Total Number	1	2	0	1	1	2	9	4	7	22	21	25	45	30	38	25	26	35	294
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

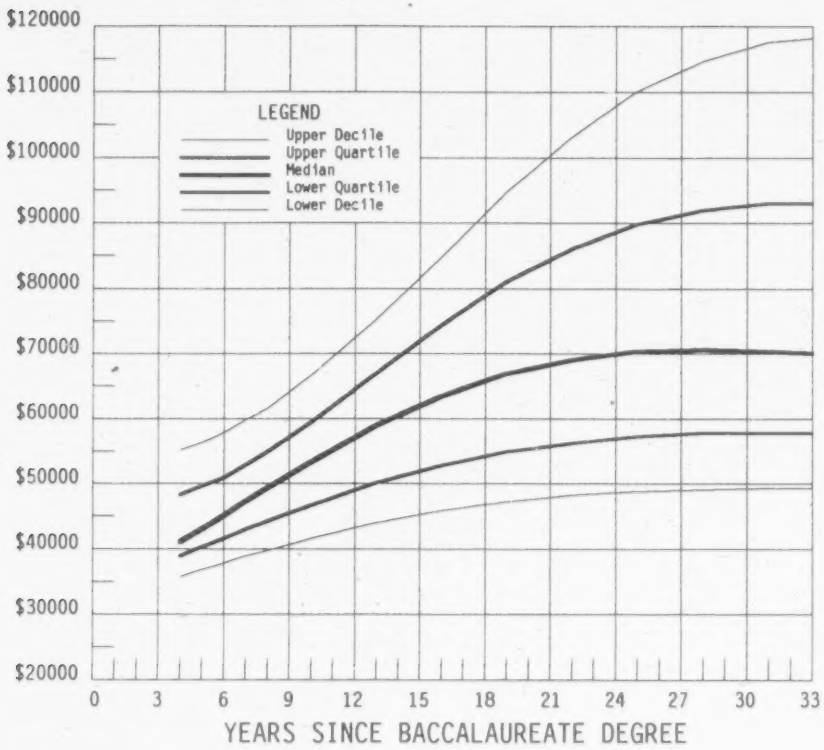
SALARY CURVES FOR ENGINEERS IN ELECTRICAL MACHINERY
ALL ENGINEERS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: ELECTRICAL MACHINERY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	34200	36400	38650	41050	43550	46150	48800	51550	54350	60150	69100	77900	86200	93500	99500	104050	107200	110250	74200
Upper Quartile	32700	34600	36550	38550	40600	42700	44850	47000	49150	53500	59900	65750	70850	75000	78150	80300	81600	82700	58300
Median	31300	32900	34550	36200	37850	39500	41100	42750	44300	47400	51600	55150	57950	60050	61500	62400	62900	63300	46250
Lower Quartile	29900	31150	32400	33650	34900	36100	37250	38400	39450	41500	44150	46250	47800	48950	49650	50100	50350	50500	37600
Lower Decile	28950	29200	29550	30000	30550	31100	31750	32450	33150	34550	36700	38600	40200	41350	42150	42650	42950	43100	32200
Mean	31550	33000	34500	36000	37600	39200	40850	42500	44200	47600	52550	57200	61250	64600	67100	68850	69950	70850	50700
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	33800	37050	39400	40600	44100	45050	48850	51250	54550	59700	68900	78700	91450	93150	97600	111000	98000	107050	74200
Upper Quartile	33150	34750	36950	38050	40250	42000	44200	47050	48550	53650	60150	67600	73550	78350	75900	79450	80000	76150	58300
Median	32100	32850	34150	36350	37400	38750	39800	43000	44050	47650	52050	56950	59800	63050	59450	59100	62200	59100	46250
Lower Quartile	30850	31150	31800	33400	34500	35750	35700	38800	39450	41850	44550	47250	49350	52200	47300	49350	48750	46950	37600
Lower Decile	30050	29950	30000	29600	29250	29150	29750	33000	32450	36250	37550	39750	40750	44850	40800	41500	41900	37700	32200
Mean	31950	33500	34350	35850	37200	38400	39950	42500	43950	47900	52700	58600	63450	67200	65450	68450	67000	66450	50700
---------- Supporting Data ----------																			
Total Number	161	178	150	206	205	253	202	210	257	654	470	455	349	236	213	156	164	219	4738
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	2	4	3	6	10	5	14	44
Less Than $22000	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	3

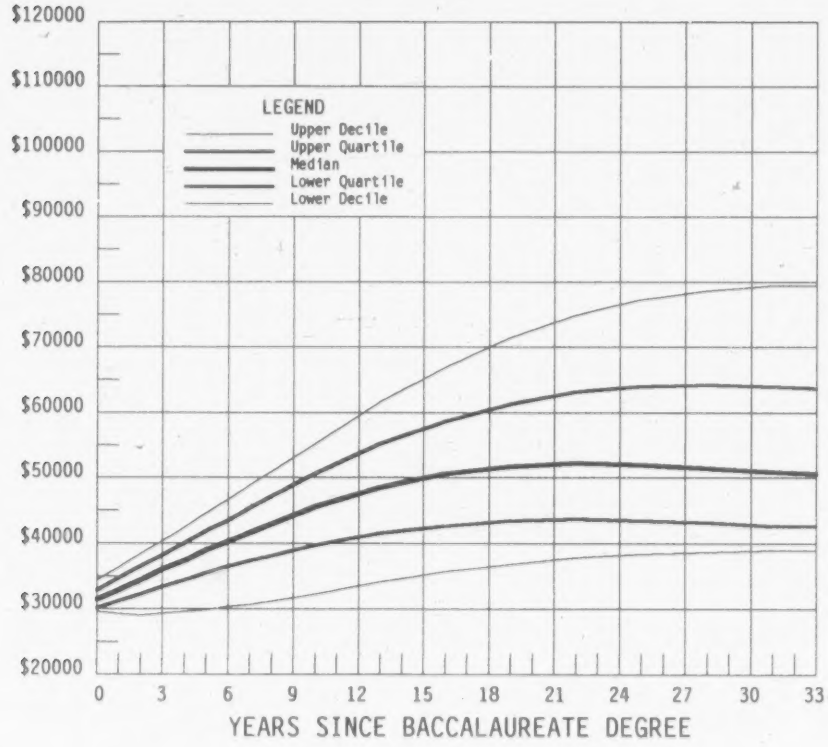
SALARY CURVES FOR ENGINEERS IN ELECTRICAL MACHINERY SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: ELECTRICAL MACHINERY, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	55250	56400	57850	59650	61700	66550	75200	84900	94550	103200	110050	114800	117600	119650	92550
Upper Quartile	0	0	0	0	48300	49550	51050	52850	54850	59350	66850	74350	81050	86200	89800	91900	93000	93600	74400
Median	0	0	0	0	41000	43050	45150	47200	49300	53350	58900	63500	66900	69100	70300	70650	70500	69500	60350
Lower Quartile	0	0	0	0	38800	40200	41600	42950	44300	46800	50200	52900	55000	56400	57300	57750	57950	57850	50000
Lower Decile	0	0	0	0	35800	36850	37900	38850	39850	41650	44000	45850	47250	48250	48850	49200	49350	49300	43900
Mean	0	0	0	0	44400	45500	46800	48300	49900	53450	59150	64700	69600	73450	76100	77750	78600	79100	65150
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	53450	64000	59200	56000	59550	66050	76750	85000	99700	94250	107750	134000	109700	119700	92550
Upper Quartile	0	0	0	0	46750	51000	53750	52750	54800	58300	67300	74400	83750	86600	90000	96900	88750	88750	74400
Median	0	0	0	0	43100	44600	47000	48000	48100	52200	58350	63850	68600	70750	67500	76000	68350	68200	60350
Lower Quartile	0	0	0	0	39900	41600	42500	44550	43250	46100	49300	53850	56300	55700	57450	58000	57500	57350	50000
Lower Decile	0	0	0	0	35400	38000	37050	42200	38500	41800	43000	45800	48300	49350	47350	50100	47700	49850	43900
Mean	0	0	0	0	43450	47100	48300	49000	49150	52750	58750	65650	72250	72700	74150	82600	75300	76800	65150
Supporting Data																			
Total Number	1	7	3	14	17	20	26	30	57	234	190	230	193	147	116	82	89	107	1563
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	2	4	2	4	10	4	9	35
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SALARY CURVES FOR ENGINEERS IN ELECTRICAL MACHINERY NON-SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: ELECTRICAL MACHINERY, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34450	36350	38300	40300	42400	44500	46650	48800	51000	55300	61500	67000	71550	74950	77300	78700	79400	79750	58800
Upper Quartile	32900	34600	36400	38150	39950	41800	43600	45400	47150	50550	55100	58750	61400	63100	63900	64150	64000	63150	49450
Median	31350	32850	34400	35900	37400	38900	40300	41700	43050	45500	48500	50550	51750	52150	52050	51600	51000	49650	41000
Lower Quartile	30000	31150	32250	33350	34400	35450	36400	37350	38200	39750	41600	42800	43450	43650	43500	43200	42800	41950	35000
Lower Decile	29550	29250	29200	29300	29550	29900	30300	30750	31300	32400	34050	35600	36850	37750	38350	38750	38900	39050	30750
Mean	31450	32800	34150	35550	36950	38300	39700	41000	42350	44850	48250	51000	53200	54700	55700	56250	56500	56550	43600
Raw (Unsmoothed) Statistics																			
Upper Decile	33800	36400	39000	40000	42900	43850	47250	49600	51500	55600	60750	67000	69600	72200	80500	70600	84400	83000	58800
Upper Quartile	33150	34550	36800	37750	39750	41350	43050	46150	46800	51100	55800	58700	61100	64900	61150	58350	65800	65700	49450
Median	32100	32750	34050	36150	37150	38350	39100	42250	43100	45350	49550	50500	51600	56500	49800	51000	52600	48400	41000
Lower Quartile	30800	31100	31750	33100	34250	35300	35150	38000	38700	40000	41500	42900	43400	45400	42550	42350	44300	41250	35000
Lower Decile	30050	29850	29900	29350	28400	28150	28850	31000	31000	34350	34900	37000	37050	39150	38250	37600	36500	34500	30750
Mean	31900	33000	34200	35400	36600	37650	38700	41400	42500	45200	48600	51400	52600	58050	55100	52800	57150	56550	43600
Supporting Data																			
Total Number	160	171	147	192	188	233	176	180	200	420	280	225	156	89	97	74	75	112	3175
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	1	5	9
Less Than $22000	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	3

1990 ENGINEERING SALARY STATISTICS: ELECTRICAL MACHINERY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34100	36200	38400	40700	43100	45600	48150	50800	53450	58900	67050	74650	81200	86350	90050	92350	93650	94350	66850
Upper Quartile	32650	34450	36300	38250	40200	42150	44200	46200	48200	52150	57700	62400	66100	68750	70350	71150	71400	71000	53250
Median	31350	32850	34350	35850	37350	38850	40350	41800	43250	45950	49450	52250	54200	55400	56000	56100	56000	55350	43000
Lower Quartile	29950	31100	32250	33400	34450	35500	36550	37500	38400	40100	42250	43950	45200	46050	46600	46950	47100	47250	35850
Lower Decile	29250	29100	29100	29250	29500	29850	30300	30800	31350	32550	34400	36200	37800	39000	39900	40500	40800	41050	31100
Mean	31500	32900	34300	35750	37200	38700	40200	41650	43150	46100	50300	54050	57250	59800	61700	63000	63800	64450	46900
Raw (Unsmoothed) Statistics																			
Upper Decile	33750	36750	39400	40350	43200	44000	48600	50400	54000	59250	67700	74500	79200	91600	79750	106650	92850	93150	66850
Upper Quartile	33150	34600	36750	37800	40000	41300	43400	45950	47250	53200	58050	62500	68800	67800	63250	77350	70700	70750	53250
Median	32100	32800	33800	36000	37250	38200	39250	42250	42950	46400	49950	51800	54800	56900	54100	56000	56850	54700	43000
Lower Quartile	30800	31100	31600	32950	34100	35200	35450	37850	38550	41000	42300	44300	46150	48100	44800	46400	47050	44950	35850
Lower Decile	30050	29850	29850	29200	28200	27400	29600	30250	30800	34500	35350	37350	38000	41900	38950	39700	40300	36350	31100
Mean	31850	33400	34150	35400	36800	37700	39500	41450	43000	47000	50750	54900	58050	61700	58450	65650	62300	61500	46900
Supporting Data																			
Total Number	158	172	135	181	184	221	172	165	203	490	325	270	210	134	122	104	113	171	3530
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	2	2	2	3	6	2	6	23
Less Than $22000	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	3

1990 ENGINEERING SALARY STATISTICS: ELECTRICAL MACHINERY, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	50300	52800	55400	58050	60750	66300	74800	83200	91100	98200	104250	109200	112950	118200	86500
Upper Quartile	0	0	0	0	46250	48300	50400	52450	54550	58700	64600	69900	74400	77950	80550	82350	83500	84650	69400
Median	0	0	0	0	42300	43950	45600	47250	48850	51900	56050	59550	62200	64100	65350	66050	66350	66350	56200
Lower Quartile	0	0	0	0	39750	40850	41900	42950	43950	45900	48450	50550	52200	53450	54350	54950	55350	55700	48050
Lower Decile	0	0	0	0	35900	36800	37650	38450	39250	40750	42750	44400	45700	46700	47400	47900	48250	48550	42250
Mean	0	0	0	0	42750	44450	46150	47900	49600	52950	57750	62050	65750	68750	71050	72750	73900	75300	61500
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	53600	52300	58400	54900	59350	65400	75800	85750	90800	96500	95650	130000	109300	116450	86500
Upper Quartile	0	0	0	0	47000	46800	53750	52250	54500	57650	65400	70900	75350	77000	74000	92500	82500	84000	69400
Median	0	0	0	0	42800	43700	46400	47500	47750	52000	55850	59150	65750	61450	60800	72000	66300	66000	56200
Lower Quartile	0	0	0	0	39500	41150	42500	44100	42500	46150	47850	50550	54400	51800	52750	57000	54500	56000	48050
Lower Decile	0	0	0	0	35200	37700	37200	41900	37600	41450	40650	44500	48150	47800	44950	49100	47300	48700	42250
Mean	0	0	0	0	43350	44500	48150	48500	48800	52350	57250	63150	67450	68200	66450	80700	72250	74600	61500
Supporting Data																			
Total Number	0	6	3	13	16	17	22	25	48	189	133	127	107	77	66	54	64	84	1051
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2	6	2	6	22
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: ELECTRICAL MACHINERY, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34250	36100	38000	39900	41900	43850	45800	47750	49650	53300	58150	61950	64550	66050	66650	66600	66200	64900	53850
Upper Quartile	32850	34500	36200	37850	39550	41200	42850	44400	45950	48750	52250	54700	56150	56700	56650	56150	55500	54000	45850
Median	31500	32900	34250	35600	36900	38200	39450	40600	41750	43750	46150	47700	48550	48800	48600	48150	47600	46400	39050
Lower Quartile	30100	31100	32100	33000	33950	34800	35600	36400	37100	38350	39750	40600	41050	41100	40900	40600	40200	39450	33600
Lower Decile	28000	28050	28100	28150	28250	28450	28700	29050	29500	30000	30850	32300	33550	34600	35350	35850	36100	36300	30100
Mean	31400	32700	33950	35200	36450	37700	38850	40000	41100	43150	45700	47650	48900	49650	49950	49950	49800	49250	40700
Raw (Unsmoothed) Statistics																			
Upper Decile	33750	36200	38900	39500	41600	43400	46350	48200	49900	54400	58450	59900	64700	66300	60550	60000	66800	71050	53850
Upper Quartile	33150	34450	36550	37500	39450	40700	42300	44800	45750	49150	53200	54450	54800	60900	52450	55250	55850	54350	45850
Median	32100	32700	33700	35700	36950	37850	38550	41450	41950	43600	47100	47350	48100	51500	46250	48500	48050	46150	39050
Lower Quartile	30800	31000	31500	32650	33700	34800	34950	36600	37750	38800	39850	39900	39950	42600	41600	40750	41950	38450	33600
Lower Decile	30050	29750	29750	28950	25950	26250	28500	28000	27650	31650	31450	34500	31550	37150	35750	36000	33800	32700	30100
Mean	31850	32900	33950	34900	36150	37100	38250	40200	41200	43600	46250	47600	48250	52900	49050	49400	49300	48900	40700
Supporting Data																			
Total Number	158	166	132	168	168	204	150	140	155	301	192	143	103	57	56	50	49	87	2479
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Less Than $22000	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	3

1990 ENGINEERING SALARY STATISTICS: ELECTRICAL MACHINERY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	39800	42200	44700	47350	50100	52950	55900	62100	71850	81750	91250	99800	107050	112750	116950	122350	86100
Upper Quartile	0	0	37450	39600	41850	44200	46550	49000	51550	56600	64250	71450	77750	82900	86700	89300	90900	92300	68350
Median	0	0	35500	37400	39350	41300	43250	45250	47250	51100	56500	61050	64550	66900	68250	68850	68900	68250	55400
Lower Quartile	0	0	34100	35650	37200	38800	40300	41800	43300	46100	49700	52500	54450	55600	56100	56150	55900	55100	45750
Lower Decile	0	0	33250	34150	35050	35950	36900	37800	38650	40350	42550	44350	45700	46600	47200	47500	47650	47750	39300
Mean	0	0	36450	38200	40000	41850	43700	45600	47550	51450	57250	62700	67550	71500	74550	76650	77950	79050	60100
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	39500	43250	45900	47300	48600	53900	55100	61250	70700	82750	100250	93950	101250	122500	98500	140000	86100
Upper Quartile	0	0	37750	40150	44300	43900	46000	49150	50750	55200	63750	72650	82300	86450	79350	82900	88100	98100	68350
Median	0	0	36500	37900	39000	41750	42500	45500	46200	50400	56150	63050	63500	72750	64800	62500	67350	72650	55400
Lower Quartile	0	0	34900	36750	36600	39200	38000	41550	43550	44950	50050	55250	54000	59500	48050	51100	57500	61500	45750
Lower Decile	0	0	33000	36100	35200	36900	30800	38400	39800	40000	42700	44600	47350	53050	41500	47100	44300	45500	39300
Mean	0	0	36150	39100	40050	43100	41750	45650	47200	50600	56950	64200	70250	74100	68550	72400	74200	83250	60100
Supporting Data																			
Total Number	3	6	15	25	18	29	24	37	48	150	133	160	119	81	58	41	42	35	1024
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	2	1	2	4	2	5	16
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

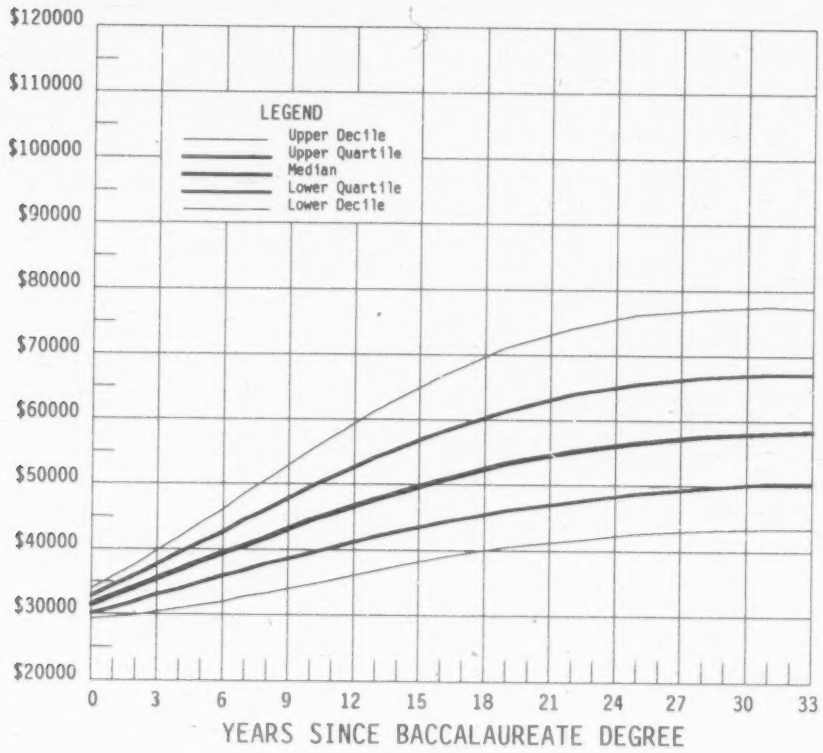
1990 ENGINEERING SALARY STATISTICS: ELECTRICAL MACHINERY, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	67700	78250	88650	98150	106200	112450	116900	119750	122550	96050
Upper Quartile	0	0	0	0	0	0	0	0	0	59550	69800	79300	87150	92650	95750	96850	96650	94350	81050
Median	0	0	0	0	0	0	0	0	0	54050	61250	67550	72500	75900	77850	78550	78550	77300	66250
Lower Quartile	0	0	0	0	0	0	0	0	0	47500	53350	58050	61250	62950	63350	62850	61950	59700	55500
Lower Decile	0	0	0	0	0	0	0	0	0	44600	47300	49450	51150	52300	53100	53550	53750	53800	46600
Mean	0	0	0	0	0	0	0	0	0	54450	62050	68950	74550	78650	81150	82400	82700	82000	70650
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	68650	77000	85550	111500	93650	117500	145000	99500	130000	96050
Upper Quartile	0	0	0	0	0	0	0	0	0	60500	68700	77500	93750	88950	96650	97500	93100	96250	81050
Median	0	0	0	0	0	0	0	0	0	53300	62000	68350	72000	77000	72000	80000	79000	80000	66250
Lower Quartile	0	0	0	0	0	0	0	0	0	45950	54400	61250	58000	64350	61350	56000	64750	65000	55500
Lower Decile	0	0	0	0	0	0	0	0	0	42900	48100	53150	47400	54350	48650	50400	57200	57600	46600
Mean	0	0	0	0	0	0	0	0	0	54400	61750	68850	77050	76450	79100	84400	80200	85100	70650
Supporting Data																			
Total Number	1	1	0	1	1	3	4	5	9	45	55	92	74	57	32	24	23	18	445
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	4	1	2	11
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: ELECTRICAL MACHINERY, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	40550	42500	44500	46600	48750	50950	53200	57850	65000	72150	79150	85600	91400	96350	100350	106450	67550
Upper Quartile	0	0	38900	40600	42250	44000	45700	47450	49250	52750	58000	62900	67400	71300	74600	77250	79250	82100	58000
Median	0	0	36100	37800	39550	41300	43000	44650	46300	49350	53200	56100	57900	58800	58950	58650	58100	56700	49300
Lower Quartile	0	0	34350	35800	37250	38650	40000	41300	42500	44750	47300	48950	49750	49850	49450	48850	48100	46600	41850
Lower Decile	0	0	33800	34350	34950	35550	36200	36850	37500	38750	40450	41750	42750	43400	43800	44000	44100	44150	37300
Mean	0	0	36650	38200	39750	41300	42800	44350	45900	48850	53000	56700	59750	62150	63950	65200	66050	66900	52000
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	39500	43400	45700	45400	46500	51200	53800	58450	65450	70950	79000	107500	82000	72600	95500	146650	67550
Upper Quartile	0	0	37750	40150	43600	43250	45000	48500	49250	52750	60200	64000	63850	71000	69000	63500	80600	109400	58000
Median	0	0	36500	37800	38500	41300	41750	44600	45900	49900	53900	57800	56850	64000	49000	51750	59350	69000	49300
Lower Quartile	0	0	34900	36750	36500	38950	38000	41000	42900	44100	47950	49250	51350	56000	42100	48900	49250	47750	41850
Lower Decile	0	0	33000	36050	35150	36600	30000	38100	38900	38750	39350	42700	47300	47600	39200	43100	40850	42050	37300
Mean	0	0	36150	39050	39750	40900	40300	44700	46300	48950	53600	57900	59050	68550	55550	55450	66850	81250	52000
Supporting Data																			
Total Number	2	5	15	24	17	26	20	32	39	105	78	68	45	24	26	17	19	17	579
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	3	5
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

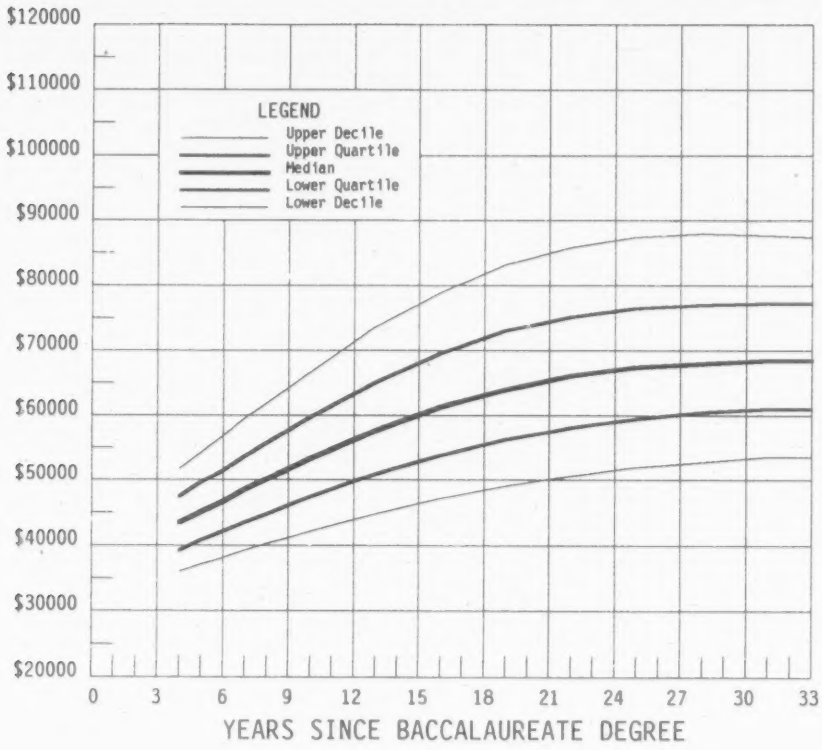
SALARY CURVES FOR ENGINEERS IN ELECTRONIC EQUIPMENT
ALL ENGINEERS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: ELECTRONIC EQUIPMENT

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33750	35700	37700	39750	41850	44050	46250	48450	50650	55100	61300	66750	71100	74200	76150	77150	77500	77150	66400
Upper Quartile	32700	34350	35950	37650	39350	41050	42800	44500	46200	49550	54200	58200	61450	63900	65550	66600	67150	67450	55250
Median	31450	32750	34100	35400	36700	38050	39350	40650	41950	44400	47850	50800	53250	55150	56550	57550	58150	58800	44600
Lower Quartile	30050	31050	32000	33000	34000	34950	35900	36850	37750	39550	42000	44200	46050	47550	48750	49650	50300	51200	37050
Lower Decile	29300	29550	29900	30350	30900	31450	32050	32700	33400	34800	36900	38850	40450	41700	42600	43200	43500	43700	32300
Mean	31350	32650	34000	35400	36750	38150	39500	40850	42200	44850	48500	51700	54350	56450	58000	59100	59800	60600	47450
Raw (Unsmoothed) Statistics																			
Upper Decile	33900	35550	37500	39600	42200	43900	46500	47700	50700	55500	61700	67750	69650	72500	76600	76900	77900	77500	66400
Upper Quartile	32600	33750	35400	37400	39650	41700	43350	44850	46450	50000	54250	57300	58950	63150	65700	66650	67250	68400	55250
Median	31250	32250	33350	35350	36950	38450	39750	41500	42450	45100	46750	49250	52150	55050	56500	57700	58300	59450	44600
Lower Quartile	30250	30800	31350	32750	34150	35100	36050	37100	38050	40600	41050	43300	45200	47050	48200	50700	51050	51200	37050
Lower Decile	28650	29600	29550	30350	31400	31750	32250	33000	33350	35250	35250	37650	39800	41450	42650	44150	44600	44150	32300
Mean	31700	32600	33500	35100	36900	38200	39600	40950	42250	45500	48000	51300	53400	56250	58350	59700	59950	60600	47450
Supporting Data																			
Total Number	462	699	756	1062	1269	1281	1103	990	869	2315	1398	1138	1330	1077	1017	1033	1236	2188	21223
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	2	1	2	5	1	6	18
Less Than $22000	2	0	1	1	1	1	1	1	0	2	0	0	0	1	1	0	0	0	12

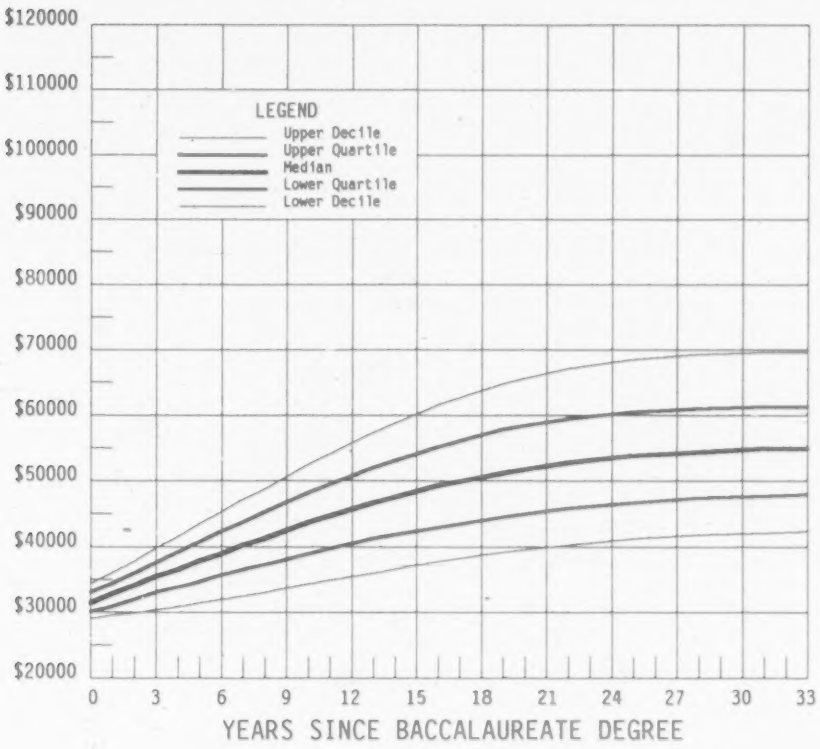
SALARY CURVES FOR ENGINEERS IN ELECTRONIC EQUIPMENT SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: ELECTRONIC EQUIPMENT, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	51750	54250	56800	59350	61850	66750	73500	79050	83200	85900	87400	87900	87800	86750	83700
Upper Quartile	0	0	0	0	47400	49500	51600	53650	55700	59700	65100	69550	72950	75250	76600	77200	77350	76850	73150
Median	0	0	0	0	43400	45100	46800	48500	50150	53350	57700	61300	64100	66100	67350	68100	68400	68400	63750
Lower Quartile	0	0	0	0	39300	40700	42050	43450	44800	47400	50950	53950	56400	58250	59600	60500	61000	61500	54550
Lower Decile	0	0	0	0	35950	37000	38100	39150	40150	42150	44850	47200	49200	50750	52000	52850	53500	54300	46450
Mean	0	0	0	0	43750	45500	47300	49000	50750	54050	58600	62400	65400	67500	68900	69700	70050	70100	64850
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	55400	51400	58600	57200	58150	68600	73850	78650	84200	83700	87450	88550	86650	87350	83700
Upper Quartile	0	0	0	0	50000	47500	53750	53200	54300	59900	64950	69500	74100	73500	76900	77500	78150	76500	73150
Median	0	0	0	0	44000	44000	48050	47000	50100	54000	57350	60550	65050	65050	68600	67600	68350	68450	63750
Lower Quartile	0	0	0	0	39500	39500	40600	44300	44750	47950	51450	53050	55550	57800	60500	60950	61250	61300	54550
Lower Decile	0	0	0	0	36400	36650	37400	41500	38700	42550	44800	46300	47800	51600	53500	53350	53750	53750	46450
Mean	0	0	0	0	46400	43900	48000	49300	49550	54350	58400	62150	66150	66400	69350	70450	69900	70000	64850
Supporting Data																			
Total Number	1	5	4	11	12	26	41	54	67	287	254	234	263	274	281	302	378	671	3165
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	5	1	6	17
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2

SALARY CURVES FOR ENGINEERS IN ELECTRONIC EQUIPMENT NON-SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: ELECTRONIC EQUIPMENT, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34350	36050	37850	39650	41500	43350	45250	47100	48900	52500	57400	61550	64800	67100	68500	69250	69550	69400	59400
Upper Quartile	32950	34500	36050	37600	39150	40700	42300	43800	45300	48200	52100	55300	57750	59450	60550	61100	61300	61150	51100
Median	31600	32850	34100	35350	36600	37850	39050	40250	41450	43700	46700	49250	51300	52800	53800	54500	54850	55150	42600
Lower Quartile	30100	31050	32000	32950	33850	34750	35650	36550	37400	39000	41200	43050	44600	45800	46700	47350	47850	48400	36050
Lower Decile	29150	29500	29900	30350	30850	31400	31950	32500	33100	34300	36100	37750	39200	40400	41250	41850	42250	42550	31800
Mean	31550	32800	34050	35300	36500	37750	38950	40150	41350	43600	46650	49250	51400	53000	54150	54950	55450	55900	44400
Raw (Unsmoothed) Statistics																			
Upper Decile	33900	35500	37450	39500	42000	43800	46050	46850	49450	53150	57350	61550	61300	66300	67200	69000	69200	71450	59400
Upper Quartile	32550	33750	35350	37350	39600	41600	43100	44400	45900	48650	51350	53950	55650	58550	59800	61050	61000	62850	51100
Median	31250	32250	33300	35300	36950	38400	39600	41200	42000	44350	45100	47000	50450	53050	53800	54800	55150	55800	42600
Lower Quartile	30250	30750	31300	32700	34100	35000	35900	36900	37700	39900	39850	42200	44250	45450	45950	47750	48450	48700	36050
Lower Decile	28650	29600	29500	30300	31350	31650	32100	32750	32950	34800	34500	36650	38750	40100	41750	42650	43450	42700	31800
Mean	31600	32500	33450	35000	36800	38100	39250	40500	41650	44200	45700	48450	50300	52800	54150	55250	55600	56400	44400
Supporting Data																			
Total Number	461	694	752	1051	1257	1255	1062	936	802	2028	1144	904	1067	803	736	731	858	1517	18058
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Less Than $22000	2	0	1	1	1	1	1	1	0	2	0	0	0	0	0	0	0	0	10

1990 ENGINEERING SALARY STATISTICS: ELECTRONIC EQUIPMENT, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33550	35500	37450	39500	41550	43650	45800	47950	50100	54300	60250	65300	69200	71850	73450	74150	74300	73650	62600
Upper Quartile	32650	34200	35800	37450	39100	40750	42400	44050	45650	48800	53150	56800	59700	61850	63200	64000	64400	64450	52550
Median	31400	32700	33950	35200	36500	37750	39000	40200	41450	43750	47000	49750	52000	53700	55000	55850	56400	56950	42600
Lower Quartile	30050	30950	31850	32750	33650	34550	35400	36300	37100	38750	40950	42950	44650	46050	47150	48000	48700	49600	35750
Lower Decile	29400	29500	29750	30100	30500	31000	31550	32100	32700	34000	35950	37750	39300	40450	41300	41850	42150	42350	31550
Mean	31150	32450	33750	35100	36400	37700	39050	40350	41600	44100	47500	50500	52900	54800	56200	57200	57800	58450	45300
Raw (Unsmoothed) Statistics																			
Upper Decile	33600	35250	37000	39250	42000	43750	46250	46900	50900	55250	60550	64700	66650	70250	72600	74000	74700	74700	62600
Upper Quartile	32300	33600	35100	37250	39550	41450	43050	44400	46250	49400	52850	55200	56900	61150	61950	63550	65100	65800	52550
Median	31200	32150	33100	35150	36900	38200	39400	41200	41900	44550	45400	47850	50700	53950	54600	55750	57000	57600	42600
Lower Quartile	30200	30700	31150	32500	34000	34800	35700	36700	37250	39550	39650	42200	44100	45750	46100	48650	49600	49700	35750
Lower Decile	28600	29500	29300	30200	31100	31450	31950	32400	32350	34350	34000	36100	36150	40050	41500	43050	44000	43000	31550
Mean	31200	32400	33150	34800	36750	37900	39250	40500	41850	44800	46750	49700	51650	54550	55750	57900	58400	58650	45300
Supporting Data																			
Total Number	440	671	692	964	1151	1139	969	830	714	1821	1042	793	877	684	636	671	846	1611	16551
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	5	1	5	16
Less Than $22000	2	0	1	1	1	1	1	1	0	2	0	0	0	1	1	0	0	0	12

1990 ENGINEERING SALARY STATISTICS: ELECTRONIC EQUIPMENT, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	50050	52700	55300	57950	60550	65700	72650	78400	82550	85050	86250	86400	85950	84300	81100
Upper Quartile	0	0	0	0	46850	48850	50850	52850	54800	58550	63650	67800	70950	73100	74350	74900	75000	74550	70850
Median	0	0	0	0	43700	45200	46700	48200	49650	52450	56250	59450	61950	63850	65150	66000	65450	66850	61350
Lower Quartile	0	0	0	0	39300	40550	41750	42900	44100	46300	49400	52050	54300	56100	57450	58400	59100	59950	52250
Lower Decile	0	0	0	0	34950	35400	37400	38500	39850	44050	47250	48200	48400	48450	48450	48450	48450	48450	44400
Mean	0	0	0	0	43250	44950	46650	48300	49950	53100	57400	61000	63800	65800	67100	67800	68150	68200	62650
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	52700	51700	58250	55600	58350	66000	73550	78800	83200	82950	85250	89900	84250	84600	81100
Upper Quartile	0	0	0	0	48900	46600	53000	51600	54600	58700	63400	68100	72800	70750	74250	75350	75450	74450	70850
Median	0	0	0	0	43250	43700	47500	46300	50400	53600	55450	58550	62900	62900	65200	66300	66800	66750	61350
Lower Quartile	0	0	0	0	39100	37900	40000	43900	44800	47200	49950	51450	51500	56350	56750	60050	60450	59400	52250
Lower Decile	0	0	0	0	36200	36500	37050	41250	38300	41650	43050	44450	45200	48700	48700	51050	51950	51200	44400
Mean	0	0	0	0	43850	43600	47450	48650	49700	53300	57000	61150	64200	64600	66650	69800	68350	67850	62650
Supporting Data																			
Total Number	0	5	3	9	11	23	36	47	63	235	195	155	158	173	178	181	262	471	2205
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	5	1	5	16
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2

1990 ENGINEERING SALARY STATISTICS: ELECTRONIC EQUIPMENT, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34100	35800	37600	39400	41200	43000	44800	46600	48400	51750	56350	60050	62800	64600	65550	65950	65900	65250	56950
Upper Quartile	32850	34300	35850	37350	38900	40400	41900	43400	44850	47600	51300	54300	56550	58100	59000	59450	59550	59300	48450
Median	31550	32750	33950	35150	36350	37500	38700	39800	40950	43050	45900	48250	50150	51550	52500	53150	53500	53800	40950
Lower Quartile	30150	31000	31850	32700	33550	34400	35200	36000	36750	38250	40250	41950	43400	44600	45500	46200	46700	47350	34900
Lower Decile	29350	29550	29800	30150	30500	30900	31350	31850	32350	33400	35000	36550	37950	39100	40050	40700	41100	41500	31150
Mean	31450	32600	33800	35000	36200	37350	38500	39650	40750	42850	45700	48100	50050	51500	52500	53200	53600	54000	42600
Raw (Unsmoothed) Statistics																			
Upper Decile	33600	35200	36950	39150	41800	43600	45800	46550	49250	52600	55950	58550	59300	63450	62600	65100	65850	67950	56950
Upper Quartile	32300	33600	35050	37200	39500	41350	42800	43950	45550	47950	49950	52400	54850	56900	57550	58950	59400	61300	48450
Median	31200	32100	33100	35100	36850	38100	39250	40850	41350	43750	43700	46250	49200	51400	51650	53850	54050	54550	40950
Lower Quartile	30200	30700	31100	32500	34000	34700	35550	36450	36850	38900	38650	41300	43000	44500	44650	46350	47300	47700	34900
Lower Decile	28600	29500	29300	30150	31100	31400	31750	32200	32000	33950	32650	35350	36800	38800	40800	41900	42850	41850	31150
Mean	31200	32300	33150	34750	36700	37800	38900	40000	41100	43550	44400	46900	48850	51150	51550	53550	53950	54800	42600
Supporting Data																			
Total Number	440	666	689	955	1140	1116	933	783	651	1586	847	638	719	511	458	490	584	1140	14346
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	2	0	1	1	1	1	1	1	0	2	0	0	0	0	0	0	0	0	10

1990 ENGINEERING SALARY STATISTICS: ELECTRONIC EQUIPMENT, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	40450	42400	44400	46450	48500	50550	52650	56750	62700	68000	72550	76100	78750	80550	81650	82750	73700
Upper Quartile	0	0	38050	39700	41350	43050	44700	46400	48050	51350	56050	60250	63850	66750	68950	70500	71600	72850	62750
Median	0	0	36300	37600	38850	40150	41400	42650	43850	46300	49700	52800	55450	57700	59500	60900	61900	63300	52400
Lower Quartile	0	0	34700	35500	36400	37300	38200	39100	40050	41900	44600	47150	49350	51150	52600	53600	54200	54800	43850
Lower Decile	0	0	32950	33700	34450	35200	35950	36650	37350	38700	40550	42200	43600	44750	45750	46500	47100	47950	38250
Mean	0	0	36750	38100	39400	40750	42100	43400	44700	47300	50900	54150	56950	59250	61100	62500	63500	64850	54400
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	41950	42950	44100	46400	48150	49900	49900	56800	63750	70650	72400	74400	78900	80250	81550	82900	73700
Upper Quartile	0	0	38600	39600	40350	43250	44800	46600	46900	51900	56800	61650	62200	65500	69800	70150	70950	73700	62750
Median	0	0	36150	36950	37650	40400	41900	43300	44400	46850	49950	52350	54300	56850	60350	61750	60700	64000	52400
Lower Quartile	0	0	34400	35150	35400	37650	38250	39350	40800	43000	44900	45250	47500	50450	53000	53900	54150	56400	43850
Lower Decile	0	0	32900	33700	33300	35150	35200	36600	38100	40000	40350	41450	43600	43700	45100	47200	46900	48450	38250
Mean	0	0	37300	38200	38500	40650	41950	43400	44050	48000	51350	54300	56050	58400	61700	62800	62850	65300	54400
Supporting Data																			
Total Number	21	28	64	98	118	140	127	156	149	472	332	312	401	353	333	333	354	532	4323
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: ELECTRONIC EQUIPMENT, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	72200	76200	79650	82500	84700	86350	87550	88400	89400	86200
Upper Quartile	0	0	0	0	0	0	0	0	0	65100	68500	71500	74050	76200	77900	79250	80300	81750	76650
Median	0	0	0	0	0	0	0	0	0	57700	61150	64050	66450	68300	69750	70750	71450	72250	68100
Lower Quartile	0	0	0	0	0	0	0	0	0	51500	54800	57600	59850	61550	62800	63600	64150	64700	60900
Lower Decile	0	0	0	0	0	0	0	0	0	46500	52000	55950	57000	57200	57200	57250	57250	57250	53950
Mean	0	0	0	0	0	0	0	0	0	59150	62350	65200	67550	69450	70950	72050	72850	73950	69250
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	73350	75200	78200	83000	84250	88000	87950	88250	89000	86200
Upper Quartile	0	0	0	0	0	0	0	0	0	66500	67250	70000	74600	75300	79500	79350	81900	80800	76650
Median	0	0	0	0	0	0	0	0	0	57600	61800	63200	66300	68450	71750	69300	71400	72400	68100
Lower Quartile	0	0	0	0	0	0	0	0	0	51300	56650	54900	60350	61500	65850	62450	63000	65050	60900
Lower Decile	0	0	0	0	0	0	0	0	0	46400	53850	50750	54050	54100	61500	55800	58000	60750	53950
Mean	0	0	0	0	0	0	0	0	0	59350	63050	63400	67900	68900	73450	71250	72750	73850	69250
Supporting Data																			
Total Number	1	0	1	2	1	3	5	7	4	50	56	68	94	89	88	115	105	186	875
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: ELECTRONIC EQUIPMENT, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	40900	42600	44250	45900	47600	49250	50950	54150	58750	62850	66300	69100	71200	72750	73850	75100	66150
Upper Quartile	0	0	38750	40100	41500	42850	44200	45550	46900	49500	53150	56400	59200	61500	63300	64650	65650	67000	57150
Median	0	0	36550	37700	38850	40000	41100	42200	43300	45400	48300	50850	53000	54800	56150	57200	57950	58900	48700
Lower Quartile	0	0	34850	35700	36550	37400	38200	39000	39800	41350	43500	45400	47050	48500	49650	50600	51350	52400	42300
Lower Decile	0	0	32850	33600	34350	35100	35800	36450	37100	38350	40000	41400	42500	43400	44100	44600	44950	45400	37300
Mean	0	0	36950	38100	39250	40400	41550	42700	43800	45950	48900	51550	53800	55600	57100	58200	59000	60100	50600
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	41400	42750	43800	46050	47250	49150	49800	54550	58850	66800	63650	67450	72900	71800	73850	75700	66150
Upper Quartile	0	0	38400	39500	40300	43100	44400	46150	46850	50650	53850	56900	56950	59600	63300	65400	64600	68800	57150
Median	0	0	36050	36950	37600	40250	41750	43000	44300	46200	48300	49500	52100	54500	56050	57400	57750	59700	48700
Lower Quartile	0	0	34400	35200	35350	37550	38050	39150	40650	42600	44050	44200	46000	47350	49200	51000	51800	53200	42300
Lower Decile	0	0	32850	33650	33300	35050	35150	36500	38050	39500	39350	40700	42650	42250	44150	44800	45100	45700	37300
Mean	0	0	37000	37950	38200	40550	41500	42950	44000	46650	49000	51800	52450	54850	57500	58300	58700	60750	50600
Supporting Data																			
Total Number	20	28	63	96	117	137	122	149	145	422	276	244	307	264	245	218	249	346	3448
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

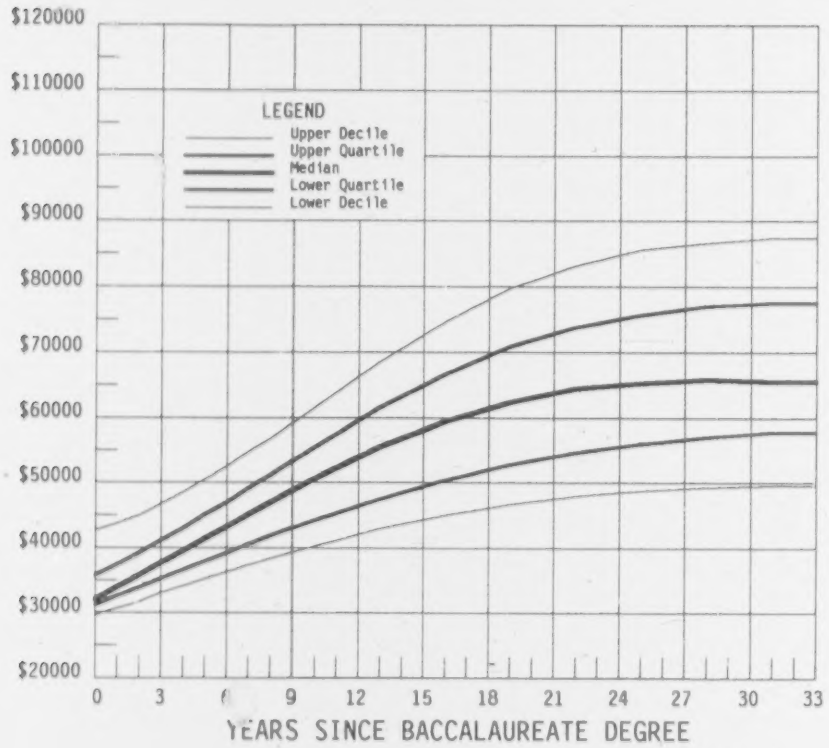
1990 ENGINEERING SALARY STATISTICS: ELECTRONIC EQUIPMENT, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	56850	65200	73000	79700	84900	88450	90550	91600	91750	83900
Upper Quartile	0	0	0	0	0	0	0	0	0	53150	60200	66600	71850	75750	78250	79650	80200	79950	73750
Median	0	0	0	0	0	0	0	0	0	49100	54500	59150	62850	65450	67000	67800	68050	67650	62050
Lower Quartile	0	0	0	0	0	0	0	0	0	45700	48300	50750	53000	55000	56700	58200	59400	61250	52400
Lower Decile	0	0	0	0	0	0	0	0	0	43700	43800	44550	46000	47700	49450	51050	52300	53850	45400
Mean	0	0	0	0	0	0	0	0	0	49800	54850	59350	63100	66000	68100	69450	70300	70950	63650
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	54800	66150	74950	84800	82500	86500	80500	89250	98750	83900
Upper Quartile	0	0	0	0	0	0	0	0	0	51500	62000	69500	71000	75200	78650	73500	81650	81750	73750
Median	0	0	0	0	0	0	0	0	0	48300	55400	60500	61350	66400	70000	63500	65000	70000	62050
Lower Quartile	0	0	0	0	0	0	0	0	0	45500	47000	53250	52250	56000	57350	57000	55250	64100	52400
Lower Decile	0	0	0	0	0	0	0	0	0	43200	44300	47300	42600	49250	52400	49700	49400	55250	45400
Mean	0	0	0	0	0	0	0	0	0	48850	55450	60600	63200	66450	69350	64700	67600	74000	63650
Supporting Data																			
Total Number	1	0	0	0	0	2	7	4	6	22	24	33	52	40	48	29	36	45	349
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: ELECTRONIC EQUIPMENT, NON-SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	55350	63250	70300	75850	79650	81750	82450	82300	80750	77700
Upper Quartile	0	0	0	0	0	0	0	0	0	51550	58000	63650	68150	71250	73100	73900	74050	73250	67550
Median	0	0	0	0	0	0	0	0	0	48850	52900	56350	59050	61000	62250	63000	63350	63450	57400
Lower Quartile	0	0	0	0	0	0	0	0	0	45050	47300	49300	51150	52700	54050	55200	56100	57450	49900
Lower Decile	0	0	0	0	0	0	0	0	0	42950	43450	43550	44800	46350	48000	49450	50650	52150	43700
Mean	0	0	0	0	0	0	0	0	0	48700	53100	56850	59850	62100	63550	64450	64900	65100	59300
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	54000	65800	71200	75600	78400	83500	75400	86250	81500	77700
Upper Quartile	0	0	0	0	0	0	0	0	0	50000	61000	64650	66750	72000	75500	69650	71000	76250	67550
Median	0	0	0	0	0	0	0	0	0	47850	54500	57000	58000	62650	63500	61000	59350	66250	57400
Lower Quartile	0	0	0	0	0	0	0	0	0	45200	46450	50750	50200	54200	54350	55600	53200	58750	49900
Lower Decile	0	0	0	0	0	0	0	0	0	43000	44100	44600	42050	48350	51650	47900	47750	53150	43700
Mean	0	0	0	0	0	0	0	0	0	48050	54500	56900	58850	63200	65550	62050	62600	66750	59300
Supporting Data																			
Total Number	1	0	0	0	0	2	7	4	6	20	21	22	41	28	33	23	25	31	264
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

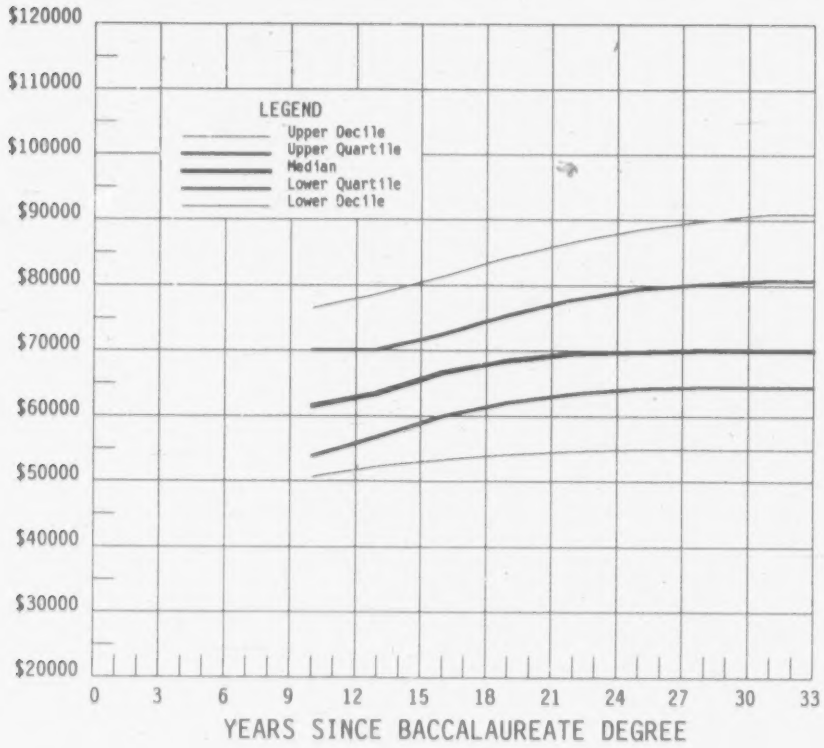
SALARY CURVES FOR ENGINEERS IN COMPUTERS
ALL ENGINEERS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: COMPUTERS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	42650	43750	45100	46700	48500	50400	52500	54650	56900	61600	68550	74750	79700	83250	85500	86750	87400	87700	73450
Upper Quartile	35800	37450	39200	41050	42950	44950	47050	49100	51250	55450	61500	66750	70900	73900	75850	76950	77500	77800	63050
Median	32100	33850	35650	37500	39350	41250	43150	45050	46900	50550	55500	59550	62500	64450	65450	65800	65700	64850	49200
Lower Quartile	31150	32500	33850	35200	36550	37900	39200	40500	41800	44200	47550	50400	52750	54600	56000	57000	57750	58600	40600
Lower Decile	29600	30750	31850	32950	34100	35150	36250	37300	38300	40250	42850	45000	46700	47950	48800	49300	49600	49850	36050
Mean	33600	35400	37150	38950	40700	42500	44250	46000	47700	51000	55450	59250	62300	64600	66250	67300	67900	68350	52500
Raw (Unsmoothed) Statistics																			
Upper Decile	44150	50900	41900	45200	46900	48700	52700	52600	57050	67350	70650	75000	80350	83000	84600	84500	85250	77600	73450
Upper Quartile	38400	37150	37650	40600	42900	44400	47300	47600	50750	58250	60800	68500	72900	73350	77800	72000	75000	72000	63050
Median	31250	34250	35800	37800	39850	41950	42500	44100	47300	51400	51500	60350	62800	66000	68300	65150	70000	61350	49200
Lower Quartile	28500	32650	34100	35900	37550	38850	39400	40450	43250	44700	43250	47250	52800	58400	61150	61000	59650	53000	40600
Lower Decile	26600	31100	30800	34300	36000	36550	38050	36750	38100	39750	39200	43700	47500	49700	52000	55200	43700	47800	36050
Mean	33200	36500	36450	39350	41200	42500	44050	44400	47400	52300	53550	59400	63400	66350	69200	67600	67400	62450	52500
Supporting Data																			
Total Number	19	21	34	42	51	46	42	55	42	105	60	65	78	48	43	32	19	36	838
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

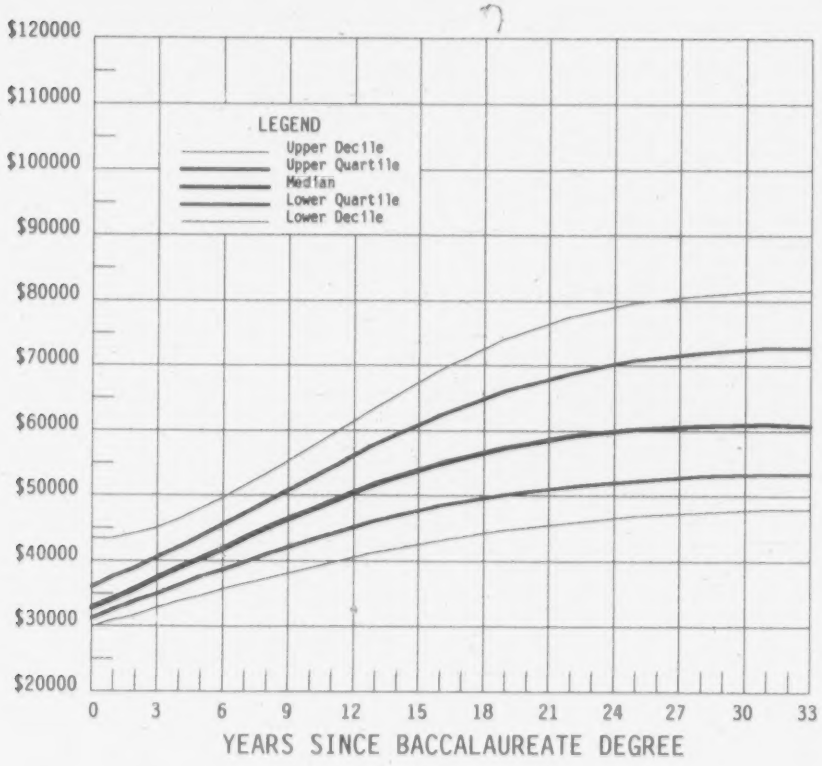
SALARY CURVES FOR ENGINEERS IN COMPUTERS SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: COMPUTERS, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	76600	78750	81450	84200	86650	88600	89950	90850	91550	84200
Upper Quartile	0	0	0	0	0	0	0	0	0	70200	70150	72650	75550	77900	79500	80400	80800	81000	74200
Median	0	0	0	0	0	0	0	0	0	61700	63550	66550	68600	69600	70000	70150	70200	70200	65650
Lower Quartile	0	0	0	0	0	0	0	0	0	53900	56800	59950	62250	63600	64200	64500	64550	64600	55050
Lower Decile	0	0	0	0	0	0	0	0	0	50750	52150	53450	54250	54650	54850	54900	54900	54900	49600
Mean	0	0	0	0	0	0	0	0	0	62950	64850	67400	69450	70800	71550	71900	72050	72100	66000
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	76000	82250	76800	86500	85000	94250	89000	87500	89000	84200
Upper Quartile	0	0	0	0	0	0	0	0	0	70650	69000	72500	76500	78000	82800	82500	79000	74000	74200
Median	0	0	0	0	0	0	0	0	0	62000	62000	67500	71350	69000	73000	67200	72000	63000	65650
Lower Quartile	0	0	0	0	0	0	0	0	0	54500	53750	64250	62350	61350	65000	64400	68650	60000	55050
Lower Decile	0	0	0	0	0	0	0	0	0	51000	50800	55400	53700	56000	52300	57600	60000	50600	49600
Mean	0	0	0	0	0	0	0	0	0	63300	63550	67750	71050	69700	73950	73050	71950	66150	66000
Supporting Data																			
Total Number	0	1	2	1	4	2	9	8	6	20	21	26	27	20	23	14	10	12	206
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SALARY CURVES FOR ENGINEERS IN COMPUTERS NON-SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: COMPUTERS, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	43350	43600	44250	45200	46450	47900	49550	51350	53250	57350	63600	69350	74100	77500	79650	80900	81500	81800	67250
Upper Quartile	36050	37500	38950	40550	42150	43850	45550	47300	49100	52600	57750	62300	66100	68900	70900	72100	72750	73200	55150
Median	32700	34200	35750	37300	38850	40400	41950	43500	45000	47850	51700	54950	57400	59100	60200	60750	60950	60850	45000
Lower Quartile	31300	32550	33800	35050	36250	37500	38700	39850	41000	43150	46050	48400	50250	51550	52400	52950	53200	53300	38850
Lower Decile	29950	30900	31850	32800	33750	34700	35600	36500	37400	39050	41300	43200	44750	45950	46900	47550	47950	48500	34900
Mean	33800	35300	36800	38300	39800	41300	42850	44300	45750	48600	52450	55700	58300	60200	61500	62350	62800	63100	48100
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	44150	50000	39800	45350	45700	47950	48050	51300	54200	60500	60200	72200	75100	81000	77350	74400	0	75450	67250
Upper Quartile	38400	36650	37350	40400	42400	43800	44900	46500	49650	55400	54250	60350	69000	70650	70000	69000	0	70650	55150
Median	31250	34000	35600	37750	39700	41750	40700	43300	46650	49100	45250	52250	58000	64650	64000	62850	0	58000	45000
Lower Quartile	28500	32550	34000	35800	37500	38650	38900	39600	42500	43250	41300	44900	50400	56000	56000	60300	0	49500	38850
Lower Decile	26600	31000	30400	34300	35800	36450	37300	36350	37200	38750	37900	42150	44150	43400	51500	54200	0	47700	34900
Mean	33200	35800	35600	39250	40300	42100	42150	43500	46300	49750	48200	53850	59350	63900	63800	63350	0	60600	48100
---------- Supporting Data ----------																			
Total Number	19	20	32	41	47	44	33	47	36	85	39	39	51	28	20	18	9	24	632
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: COMPUTERS, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	39350	40800	42450	44250	46200	48200	50350	52550	54800	59250	65600	71000	75150	77950	79650	80550	80950	81150	67100
Upper Quartile	33150	35150	37250	39400	41650	43850	46150	48400	50650	55000	60800	65400	68450	70050	70450	70100	69300	67250	56250
Median	32050	33700	35400	37100	38850	40600	42350	44050	45750	49050	53500	57150	59800	61600	62550	62900	62850	62250	45600
Lower Quartile	30950	32250	33600	34950	36300	37650	39000	40300	41600	44100	47500	50350	52600	54250	55400	56100	56500	56700	38850
Lower Decile	29100	30200	31350	32450	33550	34650	35700	36750	37750	39600	42050	43950	45400	46350	46950	47200	47300	47150	34700
Mean	32750	34400	36100	37800	39500	41250	43000	44700	46400	49600	54000	57600	60300	62050	63100	63500	63550	63000	48600
Raw (Unsmoothed) Statistics																			
Upper Decile	44750	36500	40100	44600	47450	48200	48950	52700	53900	63450	61050	66800	82000	78000	91000	70000	75600	75200	67100
Upper Quartile	32500	34850	37450	40000	42050	44000	45950	47300	49700	57750	56000	60000	73000	71750	77000	65650	73000	63000	56250
Median	30250	33300	36000	37400	39400	41300	42000	44250	47200	50400	47000	53400	62300	64650	66650	62350	63000	60000	45600
Lower Quartile	27850	32200	34150	35500	37200	38350	39500	41150	43600	44200	42700	45500	53600	56350	60650	59500	57650	53000	38850
Lower Decile	26350	30500	29600	34150	35150	36550	38300	36400	33800	39500	39800	42650	47600	42500	51800	54500	41900	48200	34700
Mean	32250	33400	35700	38450	40350	41550	42850	44550	46150	51450	48950	53400	63600	63150	68850	62000	63600	60600	48600
Supporting Data																			
Total Number	15	15	26	36	37	36	34	42	27	70	32	32	36	25	18	15	13	12	521
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

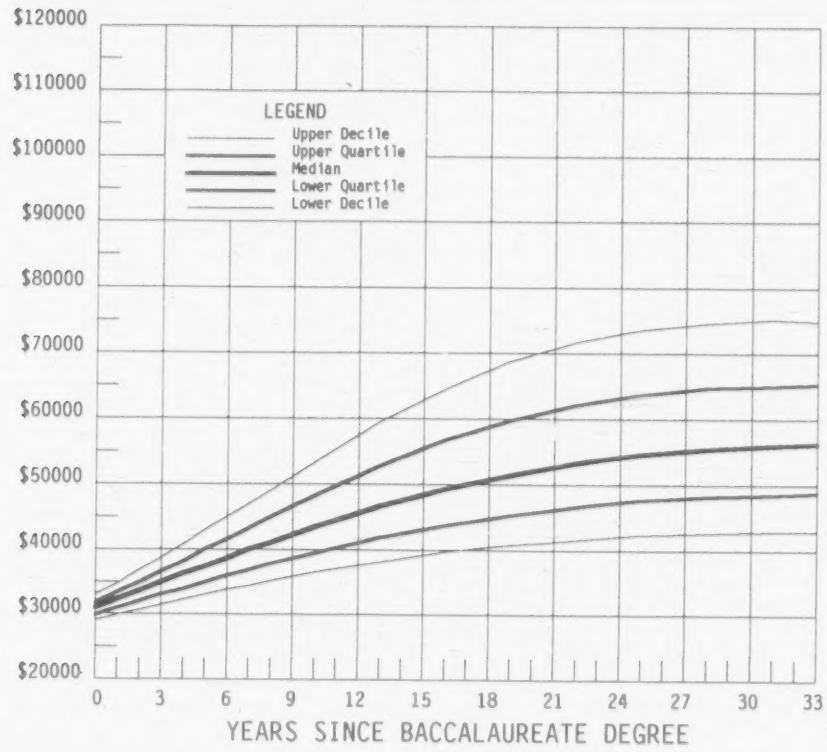
1990 ENGINEERING SALARY STATISTICS:-COMPUTERS, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	38800	40450	42100	43800	45500	47200	48900	50650	52350	55650	60400	64650	68300	71250	0	0	0	0	61300
Upper Quartile	33750	35550	37350	39200	41100	42950	44800	46650	48500	51900	56450	60000	62450	63850	0	0	0	0	50300
Median	32250	33800	35350	36950	38550	40100	41650	43100	44550	47250	50700	53200	54850	55650	0	0	0	0	43200
Lower Quartile	30500	31950	33400	34850	36250	37650	39000	40250	41400	43500	45900	47250	47750	47550	0	0	0	0	37700
Lower Decile	28750	29900	31050	32150	33250	34300	35300	36250	37100	38600	40300	41300	41650	41550	0	0	0	0	33900
Mean	33000	34500	36050	37550	39100	40600	42100	43550	45000	47650	51100	53750	55550	56650	0	0	0	0	45350
Raw (Unsmoothed) Statistics																			
Upper Decile	44750	36500	38750	44750	46250	47900	46150	50750	52400	60250	57600	55850	71400	75050	0	0	0	0	61300
Upper Quartile	32500	34850	37300	39750	41750	43800	44100	46400	48950	55250	47750	54300	64500	71500	0	0	0	0	50300
Median	30250	33300	35850	37300	39400	41150	40650	43500	46500	48500	44000	48500	55600	63350	0	0	0	0	43200
Lower Quartile	27850	32200	34050	35450	37250	38250	39100	40250	43250	43050	41650	44500	49750	50750	0	0	0	0	37700
Lower Decile	26350	30500	29500	34100	35000	36500	38150	33000	33450	38600	38300	42050	44900	40100	0	0	0	0	33900
Mean	32250	33400	35400	38350	40150	41350	41400	43550	45350	49300	45550	49350	57700	61150	0	0	0	0	45350
Supporting Data																			
Total Number	15	15	25	35	35	35	27	35	22	58	22	24	23	17	8	9	9	7	421
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: COMPUTERS, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	46000	49050	52150	55300	58450	64600	72850	78950	82450	83400	82550	80650	78400	73850	76050
Upper Quartile	0	0	0	0	42700	45300	47900	50550	53200	58350	65350	70800	74350	76000	76150	75300	74000	71000	69050
Median	0	0	0	0	39800	41900	44050	46200	48300	52350	57800	62000	64750	66200	66500	66100	65300	63350	55450
Lower Quartile	0	0	0	0	37550	38450	39500	40650	41900	44450	48400	51900	54700	56700	57950	58700	59000	59200	44500
Lower Decile	0	0	0	0	36800	36800	37050	37450	38000	39400	42000	44750	47350	49500	51100	52150	52750	53200	38850
Mean	0	0	0	0	40850	42950	45000	47100	49150	53050	58250	62250	64900	66300	66650	66300	65600	63850	57450
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	46400	0	0	52550	52700	71400	73600	79050	75600	90000	84000	78400	0	74800	76050
Upper Quartile	0	0	0	0	43700	0	0	49250	50750	58750	66000	73650	72000	78000	76650	73000	0	71350	69050
Median	0	0	0	0	41600	0	0	43250	46500	53250	56000	66800	62650	66000	68800	67000	0	62000	55450
Lower Quartile	0	0	0	0	38500	0	0	38400	40450	45900	45500	59000	52500	60000	60650	63000	0	51500	44500
Lower Decile	0	0	0	0	36950	0	0	36850	39000	39950	38600	45700	49400	53000	51800	55100	0	47200	38850
Mean	0	0	0	0	43350	0	0	44000	46450	53700	57000	65450	62750	69600	68450	67550	0	61650	57450
Supporting Data																			
Total Number	4	4	7	5	14	9	5	13	13	33	26	27	36	20	22	14	5	22	279
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

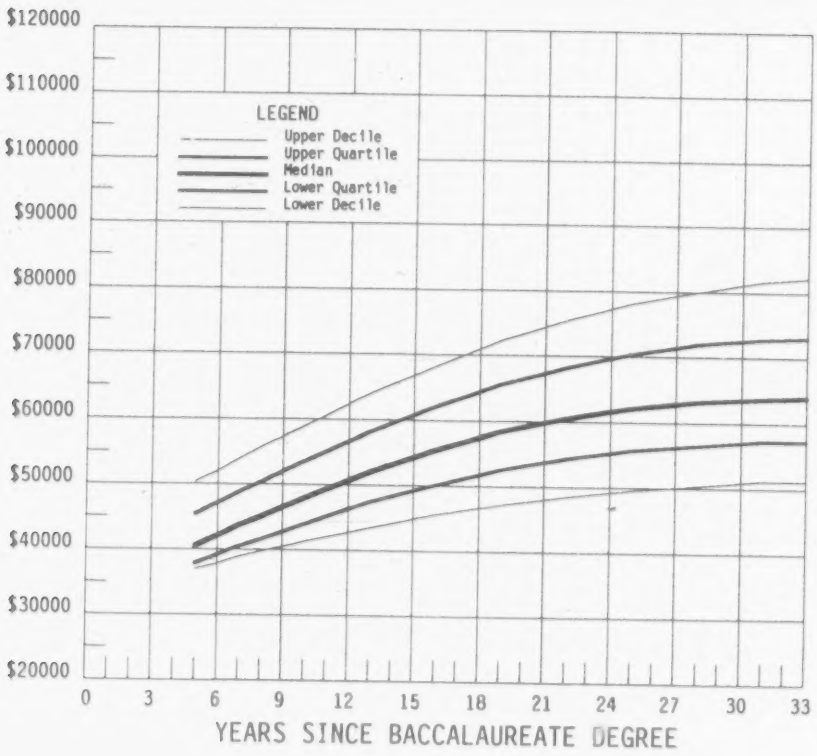
SALARY CURVES FOR ENGINEERS IN FABRICATED METAL PRODUCTS
ALL ENGINEERS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: FABRICATED METAL PRODUCTS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	32950	34800	36700	38700	40750	42850	44950	47050	49200	53450	59400	64650	68800	71800	73700	74750	75100	74900	62250
Upper Quartile	31750	33350	34950	36600	38250	39950	41600	43300	45000	48250	52800	56700	59850	62200	63800	64750	65200	65450	51850
Median	30900	32200	33550	34850	36150	37400	38650	39900	41100	43400	46550	49250	51450	53200	54550	55500	56100	56650	42600
Lower Quartile	29950	30950	32000	33000	33950	34950	35900	36850	37750	39450	41800	43750	45400	46650	47600	48250	48650	49000	35650
Lower Decile	29200	29950	30750	31500	32250	33000	33750	34450	35150	36450	38200	39650	40850	41700	42300	42700	42900	43100	31900
Mean	30950	32300	33650	35050	36400	37800	39200	40550	41900	44500	48050	51100	53600	55450	56800	57650	58150	58550	45250
Raw (Unsmoothed) Statistics																			
Upper Decile	32750	34150	35750	41850	40800	42850	44050	49850	48300	53800	59400	62350	67850	71250	72100	74300	78550	76000	62250
Upper Quartile	31700	33400	34300	37550	38550	39800	40800	44000	44850	48650	53100	55300	59250	62300	64700	64600	66350	65100	51850
Median	31100	32400	33000	34850	36250	36950	38150	40450	41150	43850	46650	47900	50950	56350	55600	54100	56900	55300	42600
Lower Quartile	30500	31150	31650	32750	33050	34400	34850	37350	38400	40450	41900	42800	44900	49050	48150	46250	50500	47450	35650
Lower Decile	30100	30350	30150	30500	30700	32650	32850	35100	35750	37750	38100	38750	41550	44050	43450	40100	42700	41600	31900
Mean	31200	32450	33000	35600	35650	37700	38350	41600	41800	45150	48250	49750	52600	57300	57400	55750	60350	58150	45250
Supporting Data																			
Total Number	100	116	95	77	91	113	109	112	94	248	177	133	143	101	89	91	78	110	2077
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
Less Than $22000	0	0	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	4

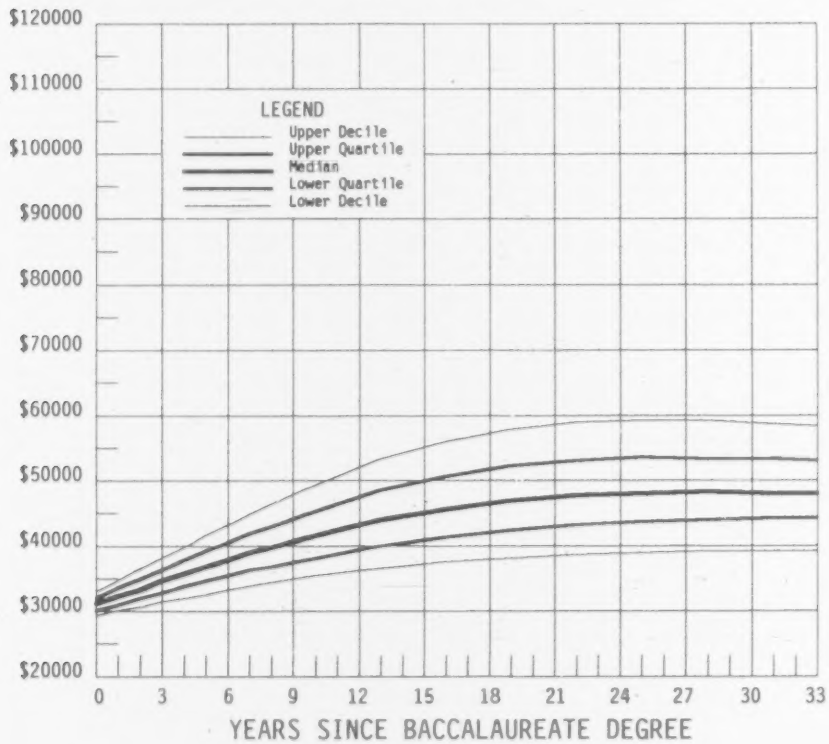
SALARY CURVES FOR ENGINEERS IN FABRICATED METAL PRODUCTS SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: FABRICATED METAL PRODUCTS, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	50350	52100	53850	55600	59050	63900	68350	72250	75500	78100	80100	81600	83600	73900
Upper Quartile	0	0	0	0	0	45400	47100	48750	50400	53600	58150	62200	65600	68300	70400	71900	72900	74100	63850
Median	0	0	0	0	0	40650	42150	43650	45150	48050	52050	55550	58400	60550	62150	63150	63800	64350	56000
Lower Quartile	0	0	0	0	0	38000	39250	40500	41700	44100	47350	50150	52500	54350	55700	56650	57250	57950	47500
Lower Decile	0	0	0	0	0	37050	37950	38850	39700	41350	43600	45600	47250	48600	49700	50500	51100	51900	42300
Mean	0	0	0	0	0	42450	43900	45300	46700	49500	53350	56850	59800	62250	64150	65550	66550	67850	57500
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	55100	44300	56800	57400	59700	64000	67900	71500	77600	75050	78900	83750	84100	73900
Upper Quartile	0	0	0	0	0	46600	42600	50750	50750	54650	58450	61000	65900	67000	68800	73400	75500	73400	63850
Median	0	0	0	0	0	42500	40500	45700	44300	46900	53250	55250	58450	60950	62000	63800	63250	64200	56000
Lower Quartile	0	0	0	0	0	37500	38900	42750	41750	43050	47950	49700	51950	56200	54800	58600	56200	57600	47500
Lower Decile	0	0	0	0	0	36200	37800	40400	39300	40500	44600	46050	46950	48800	49200	48600	51500	52800	42300
Mean	0	0	0	0	0	44100	40850	47200	46400	49250	54250	56650	59150	62550	63400	65000	68150	67600	57500
Supporting Data																			
Total Number	1	0	1	5	3	13	19	26	23	77	70	61	69	58	52	41	45	57	621
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SALARY CURVES FOR ENGINEERS IN FABRICATED METAL PRODUCTS NON-SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: FABRICATED METAL PRODUCTS, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33150	34800	36450	38150	39850	41550	43200	44850	46450	49400	53250	56100	58000	59000	59250	59100	58650	57500	50900
Upper Quartile	32100	33500	34900	36300	37750	39100	40450	41800	43050	45450	48450	50750	52250	53150	53500	53450	53250	52550	44750
Median	31150	32300	33450	34600	35700	36750	37800	38850	39800	41600	43900	45650	46850	47600	48000	48150	48100	47750	38850
Lower Quartile	30050	31000	31950	32850	33750	34550	35400	36150	36900	38250	39950	41350	42400	43150	43650	44000	44200	44300	33550
Lower Decile	29350	30050	30750	31400	32050	32650	33250	33800	34350	35350	36550	37500	38200	38650	38950	39100	39200	39250	31200
Mean	31100	32300	33500	34700	35900	37050	38150	39200	40250	42150	44550	46350	47550	48250	48550	48550	48450	47950	40050
Raw (Unsmoothed) Statistics																			
Upper Decile	32750	34150	35650	41300	40850	41000	44000	45200	46450	50000	52600	51750	56400	58450	61750	62650	59700	56950	50900
Upper Quartile	31750	33400	34250	37000	38550	39200	40250	42150	43600	46600	48200	46800	50250	54350	54600	53400	55250	53300	44750
Median	31100	32400	33000	34600	36200	36550	37150	39250	40150	42750	43400	43450	45650	49850	48300	47300	50750	47500	38850
Lower Quartile	30500	31150	31650	32600	33050	34100	34400	36600	37700	39450	39700	40600	42400	45650	43600	43500	43450	42950	33550
Lower Decile	30100	30350	30150	30350	30700	32550	32550	34800	34850	37000	36250	36750	38300	41200	40100	36000	39300	38200	31200
Mean	31200	32450	32850	34950	35650	36850	37850	39900	40300	43250	44350	43950	46450	50200	48950	48200	49700	47900	40050
Supporting Data																			
Total Number	99	116	94	72	88	100	90	86	71	171	107	72	74	43	37	50	33	53	1456
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	4

1990 ENGINEERING SALARY STATISTICS: FABRICATED METAL PRODUCTS, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	32800	34550	36350	38150	40050	41950	43850	45800	47750	51550	56950	61750	65650	68550	70550	71800	72450	72800	59450
Upper Quartile	31850	33300	34800	36350	37850	39400	40950	42500	44000	47000	51150	54800	57800	60100	61800	62900	63600	64200	49350
Median	31000	32250	33450	34650	35850	37000	38150	39300	40400	42500	45400	47950	50050	51750	53050	54050	54700	55350	40950
Lower Quartile	30050	31000	31900	32850	33750	34650	35550	36400	37250	38900	41050	42950	44500	45700	46600	47200	47600	47950	34550
Lower Decile	29250	30000	30750	31450	32150	32850	33550	34200	34850	36050	37600	38900	39950	40700	41250	41600	41800	41950	31550
Mean	30950	32250	33550	34850	36100	37350	38600	39850	41050	43350	46500	49200	51500	53350	54800	55800	56500	57200	43500
Raw (Unsmoothed) Statistics																			
Upper Decile	32450	33950	35550	41950	40600	41300	43750	46700	47650	51850	56550	59150	65450	69200	70700	71750	70800	74900	59450
Upper Quartile	31700	33350	34200	37650	38350	39250	40350	42750	44700	46500	52050	53550	56650	61550	63900	62850	61500	64600	49350
Median	31100	32350	32950	34900	36250	36650	37850	39450	40550	42800	45600	46100	49700	56250	55050	50000	55250	55300	40950
Lower Quartile	30450	31150	31600	32700	33200	34250	34600	36550	38100	39700	41450	41950	43700	48500	47900	45500	48000	46650	34550
Lower Decile	30100	30350	30150	30450	30800	32600	32700	34750	35450	37250	37950	37900	40400	43850	42650	38200	41950	40450	31550
Mean	31150	32400	32900	35650	35750	36950	37950	40300	41400	43700	46900	48100	50850	55750	56250	53750	56300	57050	43500
Supporting Data																			
Total Number	98	114	93	75	81	102	98	87	79	194	139	107	102	78	73	72	56	91	1739
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	3

1990 ENGINEERING SALARY STATISTICS: FABRICATED METAL PRODUCTS, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	49350	51150	52950	56550	61600	66100	69950	73050	75400	77100	78250	79600	70950
Upper Quartile	0	0	0	0	0	0	44900	46550	48200	51400	55900	59850	63100	65600	67400	68600	69350	70050	62400
Median	0	0	0	0	0	0	40950	42500	43950	46850	50900	54350	57200	59300	60800	61800	62350	62800	55000
Lower Quartile	0	0	0	0	0	0	38600	39850	41100	43450	46700	49550	51900	53750	55100	56050	56700	57400	46600
Lower Decile	0	0	0	0	0	0	37550	38400	39250	40900	43150	45150	46850	48250	49350	50200	50850	51750	41550
Mean	0	0	0	0	0	0	42150	43650	45100	47950	51900	55400	58250	60500	62100	63250	64000	64750	55750
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	44300	54500	57200	58000	60800	65800	69850	72600	74000	76000	78000	81500	70950
Upper Quartile	0	0	0	0	0	0	42600	48900	49250	51800	55850	59300	64200	63800	67300	71350	66000	71250	62400
Median	0	0	0	0	0	0	40500	44500	44400	45500	52100	54900	55800	60450	60350	63450	60000	63350	55000
Lower Quartile	0	0	0	0	0	0	38900	41550	41200	42250	46850	50250	50900	56250	53750	58500	54500	57400	46600
Lower Decile	0	0	0	0	0	0	37800	38750	38700	39950	44400	46100	46700	48050	48500	49000	50000	53050	41550
Mean	0	0	0	0	0	0	40850	45450	46200	47300	52450	56100	57500	60400	61700	64250	62300	65500	55750
Supporting Data																			
Total Number	1	0	1	5	3	9	19	15	17	55	54	41	47	47	45	30	30	51	470
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

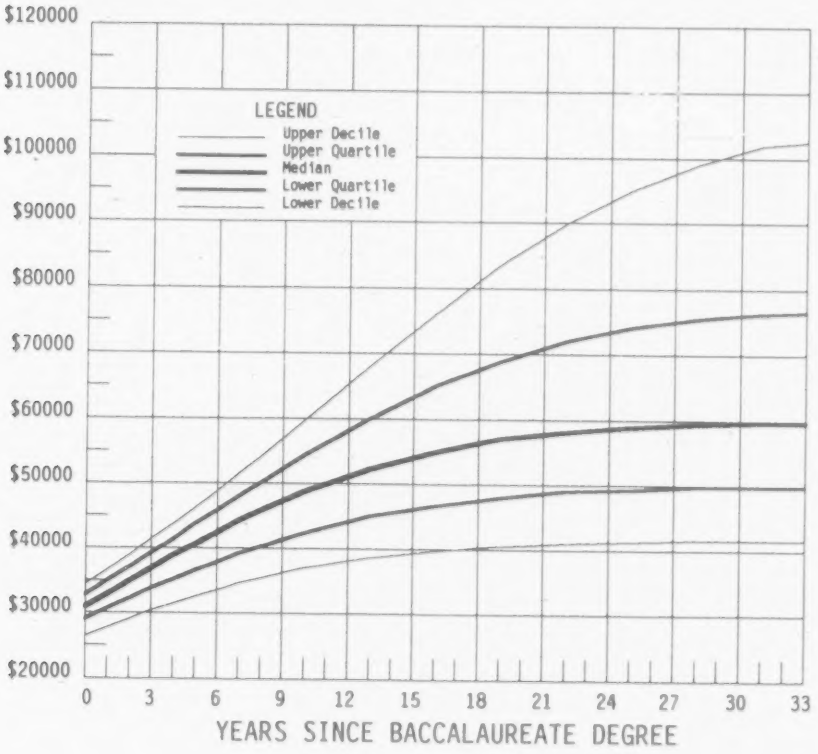
1990 ENGINEERING SALARY STATISTICS: FABRICATED METAL PRODUCTS, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	32350	34350	36300	38200	40000	41700	43300	44800	46150	48550	51350	53350	54650	55550	56050	56350	56550	56650	48850
Upper Quartile	31700	33300	34800	36300	37700	39050	40350	41500	42600	44550	46850	48500	49650	50450	50950	51250	51450	51600	43350
Median	31000	32200	33400	34500	35600	36650	37600	38550	39400	40950	42900	44400	45500	46300	46850	47200	47400	47550	37850
Lower Quartile	30100	31000	31900	32800	33600	34400	35150	35900	36550	37800	39350	40550	41450	42100	42500	42750	42900	43000	33150
Lower Decile	29450	30100	30750	31400	32000	32550	33100	33600	34050	34850	35800	36500	36950	37200	37350	37400	37450	37450	31050
Mean	30950	32200	33450	34650	35800	36900	37900	38850	39750	41350	43250	44650	45700	46400	46850	47150	47350	47450	38950
Raw (Unsmoothed) Statistics																			
Upper Decile	32450	33950	35500	41400	40650	40700	43100	43950	46350	48950	51500	50600	54900	56900	60400	55800	59400	55000	48850
Upper Quartile	31700	33350	34100	37100	38300	38950	39600	41250	43500	45200	46350	46100	49550	51950	53000	49850	55500	51000	43350
Median	31100	32350	32950	34650	36200	36350	36450	38700	39850	41950	42650	43100	44600	48950	47750	46450	50000	46100	37850
Lower Quartile	30450	31150	31600	32550	33250	34000	34100	36150	37450	38900	39300	40050	41600	45050	42500	41750	42900	41000	33150
Lower Decile	30100	30350	30150	30300	30800	32500	32400	34600	34600	36700	36150	36550	35500	41100	33600	34400	39600	37350	31050
Mean	31150	32400	32750	35000	35700	36600	37250	39200	40100	42250	43400	43100	45150	48700	47500	46250	49350	46250	38950
Supporting Data																			
Total Number	97	114	92	70	78	93	79	72	62	139	85	66	55	31	28	42	26	40	1269
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	3

1990 ENGINEERING SALARY STATISTICS: FABRICATED METAL PRODUCTS, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	51350	53500	55600	57750	61850	67700	72800	77000	80250	82550	84050	84950	85700	71850
Upper Quartile	0	0	0	0	0	44900	46650	48350	50050	53350	57850	61650	64650	66850	68300	69150	69600	69750	61000
Median	0	0	0	0	0	41500	42800	44050	45300	47700	50950	53650	55850	57500	58650	59400	59800	60150	50200
Lower Quartile	0	0	0	0	0	38450	39500	40550	41600	43500	45950	47950	49450	50500	51200	51600	51750	51800	43700
Lower Decile	0	0	0	0	0	36650	37450	38200	38950	40250	41900	43200	44100	44700	45050	45200	45250	45200	38800
Mean	0	0	0	0	0	43000	44250	45500	46750	49150	52550	55650	58300	60500	62200	63450	64300	65050	53550
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	55700	46700	57600	51500	63600	74400	72650	69200	86000	75000	80750	102500	81500	71850
Upper Quartile	0	0	0	0	0	47750	43550	50750	45900	52750	61000	62750	62000	63350	69000	71000	80600	63000	61000
Median	0	0	0	0	0	42500	41900	44000	42950	48650	51800	55250	52000	55400	62000	62500	67500	53750	50200
Lower Quartile	0	0	0	0	0	37750	37850	41250	41300	44800	45000	49250	46450	49500	53750	53750	55250	48700	43700
Lower Decile	0	0	0	0	0	36100	36750	38900	38750	41550	38300	45500	44500	43400	45500	46100	46700	43550	38800
Mean	0	0	0	0	0	44400	41800	46350	44050	50100	53500	56600	55050	59850	63250	62600	72300	61250	53550
Supporting Data																			
Total Number	2	2	2	2	9	11	11	22	15	51	32	25	34	18	15	17	19	17	304
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

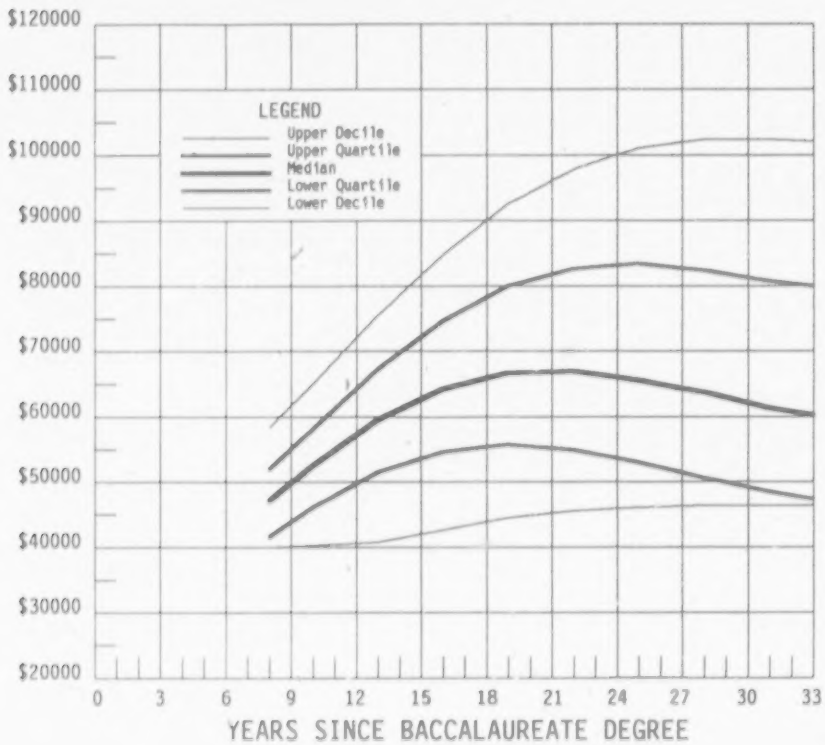
SALARY CURVES FOR ENGINEERS IN NON-ELECTRICAL MACHINERY
ALL ENGINEERS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: NON-ELECTRICAL MACHINERY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
								Smooth Curve Data											
Upper Decile	34350	36550	38850	41250	43700	46250	48850	51500	54200	59750	68050	76050	83400	89800	95000	98950	101750	104650	76600
Upper Quartile	32850	34950	37100	39250	41450	43700	45900	48050	50200	54350	60050	64950	68900	71900	74100	75550	76400	77100	61050
Median	30900	32900	34900	36850	38800	40650	42450	44150	45750	48700	52350	55050	57000	58250	59050	59500	59750	59900	49300
Lower Quartile	29000	30650	32200	33750	35250	36650	37950	39200	40400	42450	44950	46800	48050	48950	49450	49800	49950	50050	39300
Lower Decile	26300	27700	29050	30300	31500	32650	33650	34600	35500	36950	38650	39850	40600	41100	41400	41550	41650	41700	33150
Mean	30600	32400	34250	36150	38000	39850	41700	43550	45300	48750	53400	57350	60500	62900	64650	65800	66450	67000	52950
								Raw (Unsmoothed) Statistics											
Upper Decile	33700	37250	40350	41350	42650	45550	49000	51900	54050	59350	67000	76250	87300	91850	91600	96750	103000	108050	76600
Upper Quartile	33100	35150	38000	38950	39650	42850	45600	48800	50000	54100	60550	65950	70800	75550	71100	69000	79200	79800	61050
Median	32000	32550	36250	36300	35400	38900	41350	44950	45800	49300	53950	56900	58550	63650	58000	55450	59350	55800	49300
Lower Quartile	30150	30300	33350	33200	32250	35750	35150	39600	41900	43300	46600	46750	49050	51350	50300	47800	48900	48250	39300
Lower Decile	28100	26150	30500	28150	30500	33250	32150	36200	36800	37350	38750	39800	41650	42900	40300	42400	41300	40600	33150
Mean	31200	32150	35450	35750	35800	39500	40600	44400	45650	49100	53600	57450	62000	65950	63050	63250	67450	67650	52950
								Supporting Data											
Total Number	86	93	52	83	67	78	67	69	96	233	210	255	217	148	137	103	84	141	2212
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	1	1	3	3	4	8	21
Less Than $22000	2	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9

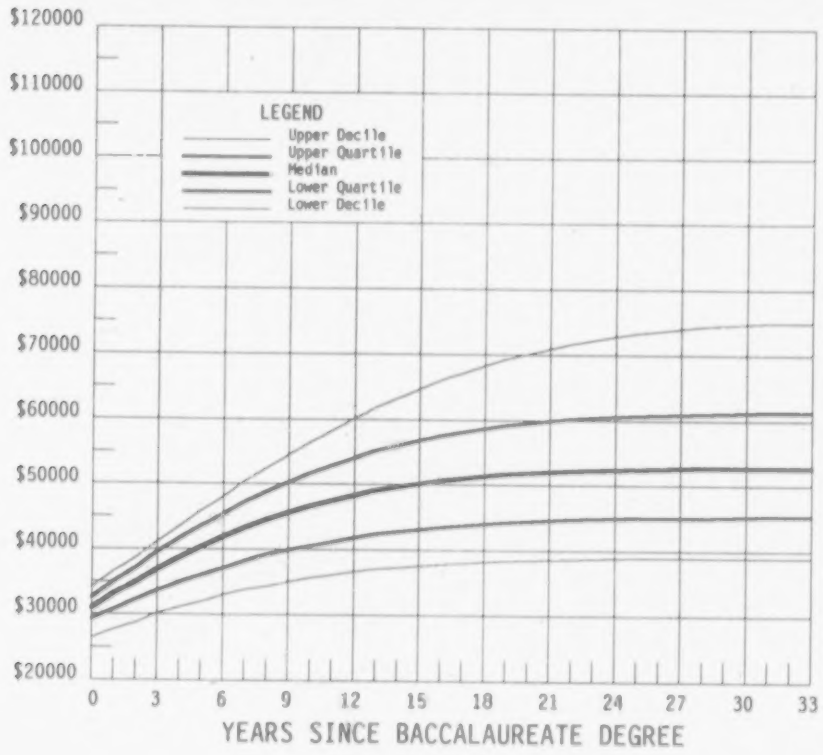
SALARY CURVES FOR ENGINEERS IN NON-ELECTRICAL MACHINERY SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: NON-ELECTRICAL MACHINERY, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	58350	65200	75400	84800	92450	97900	101100	102400	102500	100750	93350
Upper Quartile	0	0	0	0	0	0	0	0	52000	58250	67200	74750	80050	82800	83350	82500	80850	76950	75800
Median	0	0	0	0	0	0	0	0	47300	52500	59400	64300	66750	67000	65700	63650	61400	57100	62000
Lower Quartile	0	0	0	0	0	0	0	0	41650	46050	51400	54700	55750	54900	53000	50700	48450	44500	51250
Lower Decile	0	0	0	0	0	0	0	0	40000	40200	40700	42750	44550	45650	46200	46450	46500	46550	43500
Mean	0	0	0	0	0	0	0	0	47500	52750	59900	65600	69200	70700	70600	69450	67850	64350	66350
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	61200	65600	73600	83150	95350	95250	95650	114000	118000	115300	93350
Upper Quartile	0	0	0	0	0	0	0	0	54750	58900	65000	74000	79650	86400	77600	88350	95000	88450	75800
Median	0	0	0	0	0	0	0	0	49100	52700	59350	62850	64900	72250	64650	64000	64000	68850	62000
Lower Quartile	0	0	0	0	0	0	0	0	46250	47200	48500	53500	53550	59900	54800	50000	54500	51300	51250
Lower Decile	0	0	0	0	0	0	0	0	43550	41100	37800	44150	45700	52900	47900	43400	47600	47700	43500
Mean	0	0	0	0	0	0	0	0	50900	53550	57500	64350	68700	74300	68450	72800	76050	74500	66350
Supporting Data																			
Total Number	2	4	3	3	4	7	8	7	17	62	78	122	118	79	76	52	44	81	752
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	3	3	5	15
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SALARY CURVES FOR ENGINEERS IN NON-ELECTRICAL MACHINERY NON-SUPERVISORS, ALL DEGREE LEVELS



0990 ENGINEERING SALARY STATISTICS: NON-ELECTRICAL MACHINERY, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	34100	36450	38750	41100	43450	45800	48050	50300	52450	56500	61800	66100	69350	71750	73350	74350	74950	75350	61550
Upper Quartile	32650	34950	37200	39400	41500	43550	45450	47250	48900	51800	55200	57600	59200	60200	60750	61050	61200	61300	52550
Median	30950	32950	34950	36850	38600	40250	41800	43200	44450	46600	49050	50650	51650	52300	52650	52800	52900	52950	44150
Lower Quartile	29250	30750	32250	33600	34900	36100	37200	38200	39100	40650	42400	43550	44300	44800	45050	45200	45250	45250	36250
Lower Decile	26350	27650	28900	30050	31100	32100	32950	33750	34500	35700	37000	37850	38350	38650	38850	38950	38950	39000	32000
Mean	30450	32350	34250	36050	37800	39500	41150	42650	44100	46650	49750	52000	53600	54700	55350	55750	55950	56100	46000
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	33650	37100	40350	41000	41850	44800	47550	50900	52500	56900	62100	66550	70800	69200	75600	65200	84500	82500	61550
Upper Quartile	33000	35000	38100	38900	39450	42350	44400	48250	48900	52400	57350	58650	62150	62900	60400	56250	66500	55600	52550
Median	31900	32350	36350	36350	35400	38600	40800	44250	45100	48300	52050	50750	52750	53400	52500	50650	53750	49500	44150
Lower Quartile	30100	30250	33250	33500	32350	35400	33950	38750	40600	42150	45600	42800	45500	45050	42150	46050	46050	44250	36250
Lower Decile	28050	26000	30450	28000	30500	33050	29900	36050	35600	36700	39000	37400	37200	39850	38500	40000	41200	37000	32000
Mean	31000	32000	35450	35800	35650	38800	39800	43700	44550	47500	51300	51400	54050	56450	54950	52850	59650	57050	46000
---------- Supporting Data ----------																			
Total Number	84	90	51	80	63	71	59	62	76	171	133	135	102	71	62	47	43	60	1454
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	3	6
Less Than $22000	2	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9

1990 ENGINEERING SALARY STATISTICS: NON-ELECTRICAL MACHINERY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34400	36550	38750	41000	43300	45600	47950	50300	52650	57250	63800	69700	74700	78750	81850	84100	85650	87200	67600
Upper Quartile	32800	34900	36950	39000	41050	43050	45000	46900	48700	52050	56400	59850	62400	64250	65500	66250	66700	67050	55600
Median	30950	32750	34550	36300	38000	39600	41100	42500	43800	46150	48950	50950	52350	53250	53850	54150	54350	54450	45700
Lower Quartile	29350	30700	31950	33200	34350	35500	36550	37550	38450	40100	42100	43550	44650	45400	45850	46150	46350	46450	36900
Lower Decile	26950	27950	28950	29900	30800	31650	32400	33150	33850	35100	36600	37750	38550	39100	39500	39750	39850	39950	32200
Mean	30650	32350	34050	35750	37400	39050	40650	42200	43700	46500	50150	53050	55350	57000	58200	59000	59450	59850	48500
Raw (Unsmoothed) Statistics																			
Upper Decile	33650	37100	40350	41600	40900	44650	49200	51300	53650	57800	63000	69550	72900	80500	75450	88250	98000	89900	67600
Upper Quartile	33000	34950	37950	38950	38800	42100	44900	47150	48600	52800	57450	59400	64000	66250	62000	63900	66000	72200	55600
Median	31900	32450	36200	35750	33650	37750	40350	43450	44600	47800	51150	50800	53250	56350	54000	53300	54900	52050	45700
Lower Quartile	30100	30350	33100	32900	31750	35150	34150	37600	39950	41150	43100	42650	46150	46800	43850	46750	47450	46700	36900
Lower Decile	28050	26850	30350	28500	30250	32850	29300	34300	34900	36200	35500	38050	39450	39950	39150	42000	39800	39350	32200
Mean	31000	32150	35350	35650	34800	38400	40050	43100	44250	47350	50800	52550	55350	58450	56000	59550	61950	61700	48500
Supporting Data																			
Total Number	84	87	49	70	55	65	53	43	69	159	140	153	144	86	94	77	64	111	1597
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	2	3	8
Less Than $22000	2	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9

1990 ENGINEERING SALARY STATISTICS: NON-ELECTRICAL MACHINERY, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	56800	61100	67650	73950	79600	84250	87700	90100	91500	92600	83050
Upper Quartile	0	0	0	0	0	0	0	0	51800	56450	62700	67650	70900	72600	72950	72500	71550	69200	68550
Median	0	0	0	0	0	0	0	0	46600	50800	56000	59450	61000	60900	59700	58000	56200	52800	57100
Lower Quartile	0	0	0	0	0	0	0	0	40650	44300	48600	51050	51700	50900	49250	47300	45400	42100	48600
Lower Decile	0	0	0	0	0	0	0	0	35300	37800	40800	42700	43400	43250	42450	41400	40350	38300	41300
Mean	0	0	0	0	0	0	0	0	46650	50600	55800	59700	62100	63100	63000	62250	61250	58900	60650
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	58400	59300	70000	74950	77750	85000	79750	96000	115600	109500	83050
Upper Quartile	0	0	0	0	0	0	0	0	54500	56400	61700	67600	69400	74000	69000	79000	81250	84400	68550
Median	0	0	0	0	0	0	0	0	49250	51200	54850	58550	58750	65000	58000	62200	61500	65000	57100
Lower Quartile	0	0	0	0	0	0	0	0	46250	45500	45300	48500	50100	56000	51700	48100	52050	50050	48600
Lower Decile	0	0	0	0	0	0	0	0	43100	39200	35500	41300	43000	51500	44300	42350	40600	47050	41300
Mean	0	0	0	0	0	0	0	0	50650	50500	54250	59550	59900	66700	60450	66550	71650	70700	60650
Supporting Data																			
Total Number	0	4	3	3	4	6	8	5	14	48	55	66	77	40	52	38	35	61	505
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	2	3	7
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: NON-ELECTRICAL MACHINERY, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33800	36300	38800	41200	43450	45600	47650	49500	51200	54100	57350	59550	60950	61800	62350	62600	62750	62800	56600
Upper Quartile	32450	34850	37150	39300	41300	43100	44700	46150	47450	49500	51650	52950	53700	54150	54350	54500	54550	54550	49350
Median	30900	32850	34700	36400	37900	39250	40500	41550	42450	43950	45400	46300	46800	47100	47250	47300	47350	47350	41050
Lower Quartile	29350	30750	32050	33250	34300	35300	36150	36900	37550	38600	39750	40450	40850	41100	41250	41300	41350	41350	34350
Lower Decile	26800	27950	28950	29900	30750	31450	32100	32650	33150	33950	34700	35200	35500	35650	35750	35800	35800	35800	31100
Mean	30400	32300	34150	35850	37450	38900	40250	41450	42500	44300	46200	47450	48200	48650	48900	49050	49100	49150	42850
Raw (Unsmoothed) Statistics																			
Upper Decile	33650	36850	40400	41200	40500	44050	46700	50100	50950	55350	58900	59650	66400	66250	62150	62000	67200	71200	56600
Upper Quartile	33000	34800	37950	38900	38550	41600	43550	46700	46300	51300	55050	54800	58500	60650	54700	55400	56000	53500	49350
Median	31900	32250	36300	35800	33650	37550	39700	42700	43350	45900	49300	47150	50000	51000	45500	50000	50000	47500	41050
Lower Quartile	30100	30250	32850	33200	31950	34850	33550	37250	38550	39750	42150	40650	42900	44000	41000	46150	44000	42500	34350
Lower Decile	28050	26700	30250	28350	30250	32650	28600	33900	33400	35300	35600	36450	35000	38700	37700	41000	37200	36600	31100
Mean	31000	31950	35250	35650	34550	38050	39000	42350	42400	45750	48700	48000	50350	52700	50200	52300	51800	50750	42850
Supporting Data																			
Total Number	84	84	46	67	51	59	46	39	54	112	86	91	70	52	44	40	32	52	1091
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
Less Than $22000	2	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9

1990 ENGINEERING SALARY STATISTICS: NON-ELECTRICAL MACHINERY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	43150	45850	48700	51600	54650	57750	64250	74400	84650	94400	103200	110550	116150	120050	123850	91600
Upper Quartile	0	0	0	38600	41100	43750	46450	49250	52150	58050	67000	75300	82300	87550	90950	92750	93350	92750	72700
Median	0	0	0	37150	39250	41400	43550	45750	48000	52350	58500	63700	67700	70300	71700	72200	72100	71000	59350
Lower Quartile	0	0	0	34750	36700	38700	40700	42650	44600	48300	53100	56550	58550	59250	58950	58100	57050	54700	48250
Lower Decile	0	0	0	30850	32600	34350	36100	37850	39550	42700	46550	49150	50400	50450	49800	48700	47450	45100	40500
Mean	0	0	0	37000	39150	41400	43700	46050	48450	53250	60150	66300	71200	74750	76900	77900	78200	77500	63350
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	40700	43900	72000	46000	53900	58800	63550	71800	83650	105000	101900	98500	141650	110000	131650	91600
Upper Quartile	0	0	0	38750	42250	43700	44500	49750	52250	58200	65250	74900	86250	90250	81250	95000	96650	103100	72700
Median	0	0	0	37300	39500	42200	42000	45900	47900	51600	60000	63650	67350	71500	69500	64000	85000	80000	59350
Lower Quartile	0	0	0	36350	36750	40250	37000	41400	45200	47750	53150	57450	57000	63000	57500	53000	62000	61000	48250
Lower Decile	0	0	0	27300	35100	38000	33000	37700	42950	43100	47200	48750	49700	47500	51950	47000	48800	53900	40500
Mean	0	0	0	36450	39600	44800	40650	45950	49350	53250	59250	65500	73900	75550	73500	76800	82800	86050	63350
Supporting Data																			
Total Number	2	7	3	13	11	10	10	17	23	68	62	89	58	47	23	20	16	26	502
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	3	1	3	10
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

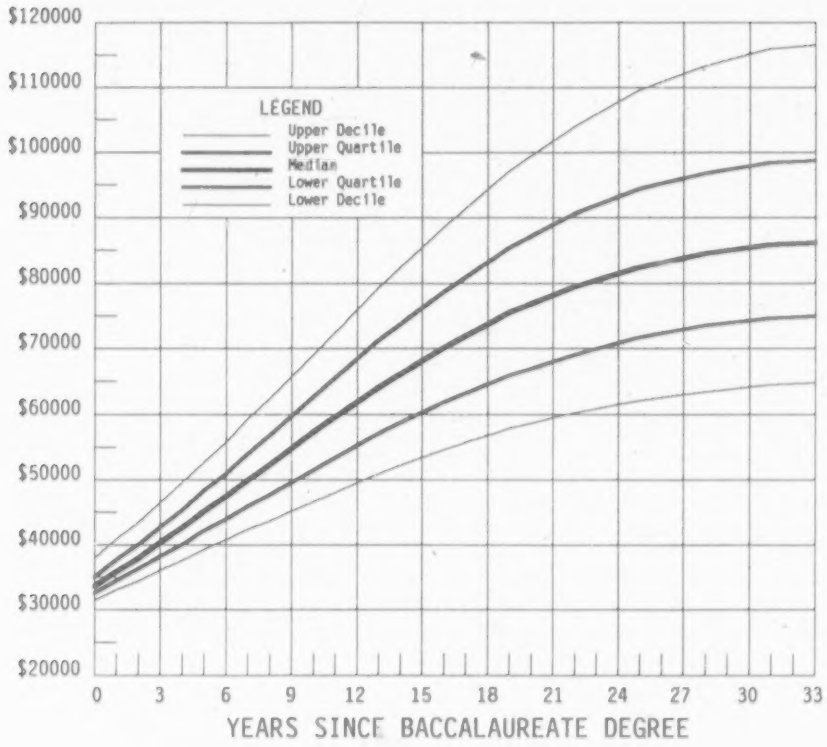
1990 ENGINEERING SALARY STATISTICS: NON-ELECTRICAL MACHINERY, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	77000	79850	89350	97500	102300	104500	105300	105550	105600	103100
Upper Quartile	0	0	0	0	0	0	0	0	0	60300	75950	88400	93850	92050	85950	78600	71900	61250	88750
Median	0	0	0	0	0	0	0	0	0	54300	68200	77700	79600	75150	67950	60750	54700	45750	72000
Lower Quartile	0	0	0	0	0	0	0	0	0	49350	62150	69800	69600	63800	56250	49400	43950	36250	62400
Lower Decile	0	0	0	0	0	0	0	0	0	39150	51450	60600	62650	58400	51650	45100	39850	32450	53000
Mean	0	0	0	0	0	0	0	0	0	54250	68350	78950	82550	79650	73250	66250	60150	50750	77100
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	77600	78550	86700	116650	99250	122500	153350	0	117500	103100
Upper Quartile	0	0	0	0	0	0	0	0	0	69350	71650	79150	99150	91750	96250	118750	0	97500	88750
Median	0	0	0	0	0	0	0	0	0	61350	64650	70000	85000	78000	71350	70000	0	80000	72000
Lower Quartile	0	0	0	0	0	0	0	0	0	56000	61300	61400	71000	67500	67000	54900	0	63000	62400
Lower Decile	0	0	0	0	0	0	0	0	0	43400	53300	51950	64000	64200	62200	48950	0	56400	53000
Mean	0	0	0	0	0	0	0	0	0	62150	65500	69900	87950	80250	84150	89250	0	83100	77100
Supporting Data																			
Total Number	2	0	0	0	0	1	0	2	7	16	21	53	30	33	11	13	9	22	210
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	3	0	1	7
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: NON-ELECTRICAL MACHINERY, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	40900	43500	46100	48800	51500	54200	59500	67050	73600	78900	82850	85550	87200	88100	88700	68550
Upper Quartile	0	0	0	38850	41400	43900	46350	48650	50900	54900	59800	63250	65500	66800	67550	67850	68000	68050	59600
Median	0	0	0	36850	39450	41850	44050	46000	47800	50650	53500	55050	55850	56200	56350	56350	56400	56400	51300
Lower Quartile	0	0	0	35250	37400	39350	41050	42600	43950	46050	48000	49000	49450	49650	49700	49700	49750	49750	43750
Lower Decile	0	0	0	27950	31950	35150	37600	39350	40550	42050	42900	43200	43300	43350	43350	43350	43350	43350	37800
Mean	0	0	0	36300	38850	41250	43550	45650	47600	50950	54650	57000	58400	59150	59550	59700	59750	59750	53500
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	40700	43900	0	46000	54500	55100	59200	65900	70800	80350	112500	87500	0	0	150000	68550
Upper Quartile	0	0	0	38750	42250	0	44500	49250	51500	53750	61150	64800	65350	69000	77000	0	0	112500	59600
Median	0	0	0	37300	39500	0	42000	45500	47000	50600	55450	58650	58000	54500	62000	0	0	72000	51300
Lower Quartile	0	0	0	36350	36750	0	37000	40600	45000	47250	51100	50600	51500	46600	54100	0	0	62000	43750
Lower Decile	0	0	0	27300	35100	0	33000	37500	42800	42800	44150	43400	45200	43250	50750	0	0	54500	37800
Mean	0	0	0	36450	39600	0	40650	45600	48650	50500	55450	57950	59500	65050	65350	0	0	87600	53500
Supporting Data																			
Total Number	0	7	3	13	11	9	10	15	16	52—	41	36	28	15	15	9	9	10	292
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	3
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

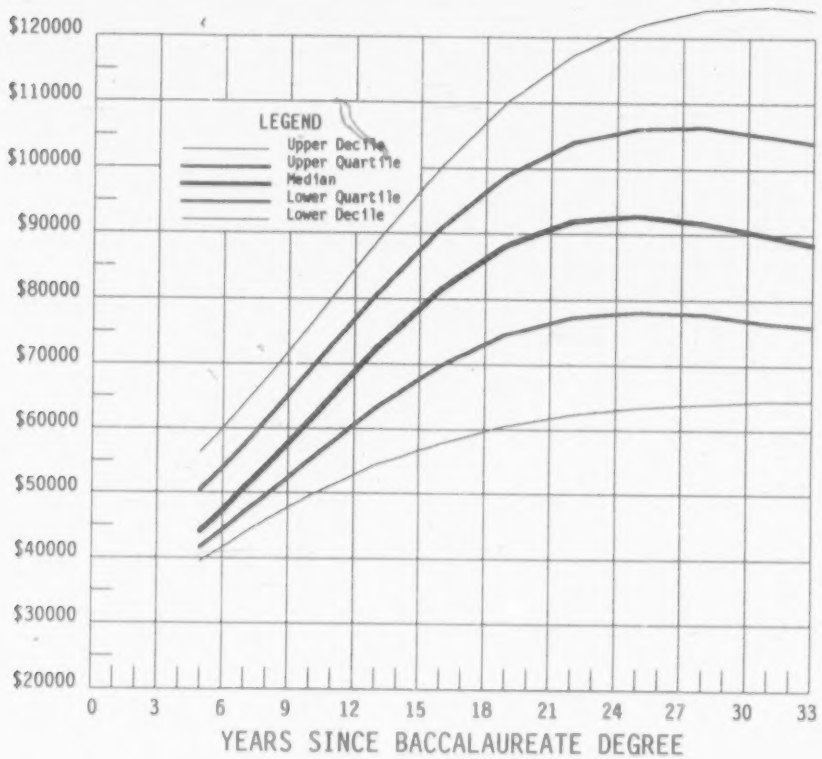
SALARY CURVES FOR ENGINEERS IN PETROLEUM
ALL ENGINEERS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: PETROLEUM

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	38000	40700	43500	46450	49500	52600	55800	59100	62400	69150	79200	88650	97100	104100	109550	113450	115950	118150	95650
Upper Quartile	35050	37500	40050	42700	45400	48200	51050	53900	56850	62650	71100	78800	85400	90550	94350	96850	98350	99450	81700
Median	33500	35700	37950	40300	42650	45050	47500	49900	52350	57200	64050	70200	75350	79450	82500	84500	85750	86800	65150
Lower Quartile	32550	34400	36250	38150	40050	42000	43950	45900	47800	51600	56950	61750	65850	69150	71700	73550	74750	75900	51600
Lower Decile	31400	32950	34500	36050	37650	39200	40750	42300	43850	46800	50950	54650	57750	60300	62200	63600	64500	65350	40250
Mean	34750	36850	39000	41250	43500	45850	48200	50550	52950	57700	64600	70950	76450	80950	84400	86850	88450	89800	68000
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	37450	40300	47000	46700	47300	56400	55050	58650	60650	69600	79400	88200	94100	110150	112350	115600	115400	122400	95650
Upper Quartile	35450	37650	40350	42100	43200	47800	51600	54400	55800	63250	70900	79350	86100	94150	94900	98200	97800	100600	81700
Median	34250	35700	37800	39600	39950	44200	48650	50800	52100	57700	63550	70500	76200	79950	83900	84100	90100	88900	65150
Lower Quartile	33000	34500	36050	37350	38100	40400	45400	47150	48250	52250	56450	58900	67150	68500	74850	74450	75300	81150	51600
Lower Decile	32200	33100	34600	35300	35000	35100	41300	43700	44700	47750	51250	51450	59150	57000	67350	66300	63900	68150	40250
Mean	35150	36850	40000	40550	40900	45200	48750	50950	52450	58250	64450	70150	77300	82500	86650	87250	88600	92950	68000
---------- Supporting Data ----------																			
Total Number	140	150	100	92	105	87	76	197	318	718	536	443	495	443	464	332	218	244	5127
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	7	11	7	8	8	20	62
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

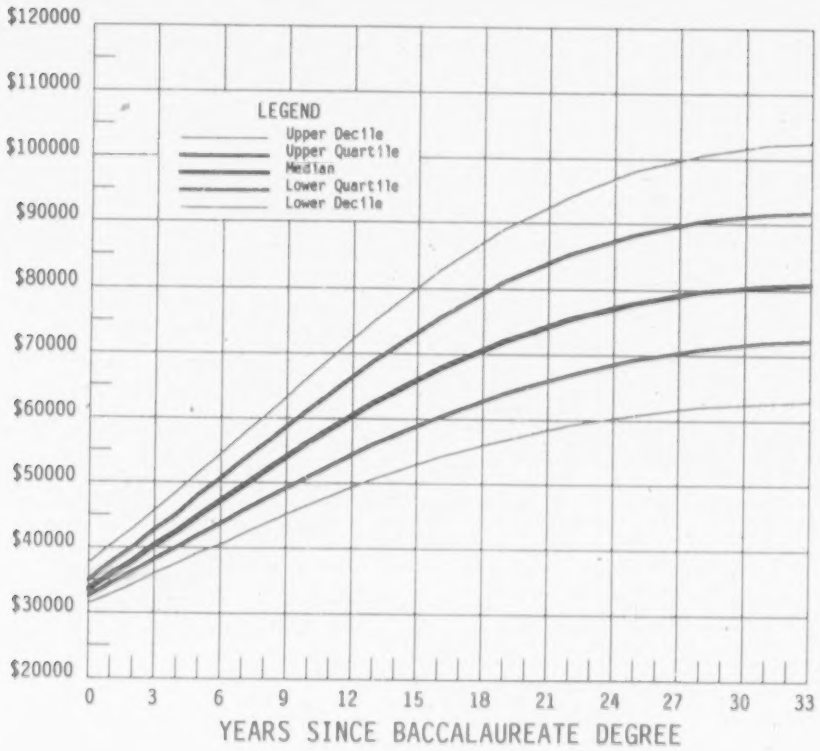
SALARY CURVES FOR ENGINEERS IN PETROLEUM SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: PETROLEUM, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	56300	60000	63850	67800	76000	88450	100200	110050	117350	121950	124200	124750	123250	116100
Upper Quartile	0	0	0	0	0	50300	53800	57450	61250	69050	80650	91050	99050	104100	106250	106300	105050	101050	96600
Median	0	0	0	0	0	44050	47300	50700	54200	61450	72150	81500	88250	91950	92800	91800	89800	84900	81550
Lower Quartile	0	0	0	0	0	41550	44200	46950	49700	55250	63150	69850	74600	77300	78150	77750	76650	73700	65250
Lower Decile	0	0	0	0	0	39450	41600	43750	45750	49550	54300	57900	60550	62300	63450	64100	64500	64700	52950
Mean	0	0	0	0	0	46050	49200	52450	55750	62550	72550	81400	88000	92050	93700	93600	92500	89000	83550
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	63200	0	62950	64250	76950	89200	94750	113650	120450	120050	123600	124100	146750	116100
Upper Quartile	0	0	0	0	0	48500	0	58400	60000	70000	82450	88100	96100	105100	105950	108450	109100	118100	96600
Median	0	0	0	0	0	44000	0	53600	55000	60000	73850	78350	88450	92400	92250	95500	96100	95950	81550
Lower Quartile	0	0	0	0	0	39500	0	50000	49600	54250	65950	68200	76650	71800	80950	82050	82000	84050	65250
Lower Decile	0	0	0	0	0	38150	0	47500	46800	46600	60950	53900	66250	55900	69550	69700	65600	71450	52950
Mean	0	0	0	0	0	46600	0	54550	55200	61800	74600	78100	89350	90950	94100	96800	96650	102300	83550
Supporting Data																			
Total Number	1	1	6	3	5	12	8	28	48	156	123	126	138	197	147	81	88	113	1263
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	7	11	7	7	8	20	61
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SALARY CURVES FOR ENGINEERS IN PETROLEUM NON-SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: PETROLEUM, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	37600	40200	42900	45700	48550	51450	54450	57400	60400	66350	74900	82550	89050	94200	98050	100600	102200	103500	88300
Upper Quartile	35050	37500	40000	42600	45200	47900	50600	53300	56000	61350	68850	75550	81050	85300	88350	90350	91500	92400	75950
Median	33600	35750	37950	40200	42500	44800	47150	49450	51700	56150	62350	67700	72100	75550	78000	79650	80650	81450	60900
Lower Quartile	32650	34450	36250	38100	40000	41850	43700	45600	47400	51000	56000	60350	64050	67050	69250	70850	71900	72900	49300
Lower Decile	31400	32900	34450	36000	37550	39100	40650	42150	43650	46550	50550	54000	56900	59200	60900	62050	62800	63450	38100
Mean	34700	36750	38850	41000	43200	45400	47600	49800	52000	56300	62400	67850	72400	76050	78800	80700	81900	82950	62900
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	37450	40300	43700	45350	46650	55100	54300	57150	59300	67400	73500	82750	88150	92050	104400	112200	101600	99750	88300
Upper Quartile	35450	37650	40100	42000	42750	47800	51500	53950	55150	62550	67350	76600	82100	84350	91700	93650	93000	94450	75950
Median	34250	35700	37700	39550	39800	44250	48600	50450	51800	56950	61350	66650	72850	76450	81350	82200	81100	84750	60900
Lower Quartile	33000	34500	36000	37300	38000	41050	45100	46750	47950	52000	54800	57600	64300	66500	73450	73250	72650	80450	49300
Lower Decile	32200	33100	34550	35300	34850	34650	40850	43350	44400	47900	50650	50950	56800	58250	65650	65450	64050	64000	38100
Mean	35150	36850	39000	40400	40550	45050	48250	50400	51850	57350	61450	66950	72800	75650	82850	84200	83300	85050	62900
---------- Supporting Data ----------																			
Total Number	140	149	97	91	101	73	68	171	271	565	414	319	356	245	321	251	131	130	3865
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: PETROLEUM, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	35550	38050	40750	43600	46600	49750	53100	56550	60100	67550	79050	90050	99550	106750	111500	114050	114900	114000	92750
Upper Quartile	34450	36750	39200	41750	44400	47200	50100	53050	56100	62300	71500	79900	86750	91750	94800	96250	96550	95450	76300
Median	33350	35400	37550	39750	42050	44400	46800	49200	51700	56600	63700	70000	75000	78600	80800	81900	82200	81600	59000
Lower Quartile	32450	34200	36000	37850	39700	41600	43500	45450	47300	51050	56150	60450	63750	66000	67350	67950	68050	67550	48250
Lower Decile	31050	32750	34400	36050	37650	39200	40700	42150	43500	46000	49150	51500	53200	54300	55000	55350	55550	55650	37950
Mean	33450	35500	37650	39850	42150	44550	47000	49450	51950	57000	64300	70800	76100	79950	82400	83650	84100	83650	63650
Raw (Unsmoothed) Statistics																			
Upper Decile	35750	37950	41050	43300	45300	48350	52150	57700	59800	68350	80600	88550	93750	109750	112500	116200	118050	132050	92750
Upper Quartile	35050	36550	39450	41650	42400	45900	49700	54100	55550	62750	71750	79650	84850	94050	94250	99200	98400	107600	76300
Median	33950	35200	37450	39350	39950	42900	47600	50650	51850	56900	63350	68600	74500	77450	82400	87000	86500	89250	59000
Lower Quartile	32800	34150	36150	36250	38250	39200	44500	47050	47750	51750	55650	56600	65200	63000	72400	69850	68600	76650	48250
Lower Decile	32100	32650	34550	34650	33800	34550	40700	44000	44350	46950	50000	48350	55100	53000	62000	50300	60150	57200	37950
Mean	33950	35350	38250	39450	40050	42400	46950	50700	51950	57500	64150	68800	76200	79650	84200	85850	87000	93300	63650
Supporting Data																			
Total Number	122	107	69	55	76	64	56	162	276	581	320	236	305	231	175	142	113	146	3215
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	6	6	3	4	6	17	41
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: PETROLEUM, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	53450	57300	61250	65400	74100	87400	99900	110250	117500	121450	122750	122300	118950	113700
Upper Quartile	0	0	0	0	0	49550	52950	56450	60050	67450	78450	88350	96050	101000	103300	103600	102700	99300	93800
Median	0	0	0	0	0	43650	46750	50000	53350	60200	70250	78900	85050	88400	89200	88300	86500	82050	77500
Lower Quartile	0	0	0	0	0	41900	44350	46850	49350	54350	61300	67000	71100	73400	74200	73950	73100	70750	61500
Lower Decile	0	0	0	0	0	39800	41650	43450	45250	48700	53250	56800	59200	60550	61000	60900	60400	59050	51250
Mean	0	0	0	0	0	45350	48350	51450	54650	61150	70650	78950	85200	89050	90600	90500	89500	86250	80350
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	48500	0	64400	64650	75600	87500	94150	115750	116850	118650	119350	124100	147650	113700
Upper Quartile	0	0	0	0	0	46250	0	57000	59900	68000	81400	85750	93900	98950	104000	103350	109550	118750	93800
Median	0	0	0	0	0	41000	0	53300	54750	59200	72200	76650	84250	86800	89300	91650	94450	94700	77500
Lower Quartile	0	0	0	0	0	39100	0	50450	49700	53250	64700	65200	73850	68400	74500	78650	78000	83300	61500
Lower Decile	0	0	0	0	0	38000	0	47900	46500	46200	60150	52000	65350	54150	66050	68300	58400	70650	51250
Mean	0	0	0	0	0	42350	0	54900	55150	60600	72850	75600	87650	86150	90850	92600	94750	102050	80350
Supporting Data																			
Total Number	1	1	4	1	5	10	6	19	45	140	95	90	97	145	86	64	66	93	952
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	6	6	3	3	6	17	41
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: PETROLEUM, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	35200	37950	40850	43800	46800	49900	53000	56100	59200	65200	73550	80650	86250	90350	93100	94800	95700	96250	80500
Upper Quartile	34350	36800	39350	41950	44650	47350	50050	52800	55500	60800	68150	74450	79500	83200	85700	87200	88050	88550	66050
Median	33300	35500	37700	40000	42250	44500	46750	49000	51150	55300	60850	65500	69100	71750	73500	74650	75250	75700	54150
Lower Quartile	32200	34200	36200	38150	40100	42000	43800	45550	47200	50200	54000	56850	58900	60250	61050	61500	61750	61850	44500
Lower Decile	31050	32850	34550	36200	37750	39250	40650	41900	43050	45050	47350	48800	49700	50250	50500	50600	50650	50700	35650
Mean	33250	35500	37750	40050	42300	44600	46900	49100	51300	55450	60950	65500	68950	71450	73050	74050	74600	74900	56600
Raw (Unsmoothed) Statistics																			
Upper Decile	35750	37950	40500	43300	44350	48500	52250	56850	58600	66400	73500	83650	88250	83850	91250	112850	94050	97700	80500
Upper Quartile	35050	36550	39000	41650	42000	46000	49750	53800	54950	62000	67050	77300	81900	78400	84900	96250	90150	92100	66050
Median	33950	35200	37300	39350	39800	43100	47550	50350	51450	55900	59800	63850	70800	72350	78650	81000	71150	81850	54150
Lower Quartile	32800	34150	36100	36250	38200	39400	44150	46700	47400	51450	53400	54200	60800	57450	67650	64400	63400	64500	44500
Lower Decile	32100	32600	34450	34650	33600	34250	40250	43450	44100	47150	48100	46800	51500	45800	55000	45600	59600	51300	35650
Mean	33950	35350	37300	39450	39600	42550	46850	50250	51300	56550	60350	64900	70750	68650	76450	80200	75450	78250	56600
Supporting Data																			
Total Number	122	106	65	55	72	55	50	143	230	445	226	147	209	86	90	78	47	53	2263
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: PETROLEUM, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	52650	54400	56250	58250	60300	62500	64800	69600	77300	85200	92750	99550	105150	109350	112150	114700	97700
Upper Quartile	0	0	43700	45950	48300	50700	53150	55650	58150	63250	70700	77600	83600	88400	91950	94350	95750	96800	86250
Median	0	0	38050	40550	43100	45700	48300	50900	53450	58500	65450	71400	76250	79900	82500	84150	85100	85850	72750
Lower Quartile	0	0	35600	37800	40100	42350	44600	46850	49050	53300	59100	64000	67900	70850	73000	74400	75300	76050	59500
Lower Decile	0	0	34550	36350	38150	39950	41750	43550	45350	48850	53750	58100	61850	64850	67200	68900	70050	71200	47400
Mean	0	0	41050	43150	45350	47600	49850	52150	54400	59000	65600	71650	76900	81150	84300	86500	87800	88900	73250
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	60000	49400	50600	68000	64800	59350	62600	70700	75350	83300	95150	107350	113900	107900	112500	110600	97700
Upper Quartile	0	0	47500	42100	46000	56000	55250	56000	56350	64450	67650	77350	88800	92300	97100	92750	98600	97050	86250
Median	0	0	39500	39500	39650	48000	51900	52500	52800	60400	62950	69150	78900	83000	86900	84050	91400	87900	72750
Lower Quartile	0	0	35650	37650	37550	44000	50200	47000	50300	54800	57300	60650	71000	72550	74750	77050	78800	82450	59500
Lower Decile	0	0	34650	36550	36600	38000	46400	42700	46100	51050	53100	54400	63900	64600	68700	71900	76450	78300	47400
Mean	0	0	43850	41100	41900	50300	53250	51800	53850	60500	63800	69400	80050	84400	88500	87150	90550	91250	73250
Supporting Data																			
Total Number	10	37	30	34	28	20	18	28	27	116	186	154	137	154	199	119	55	89	1423
$125,000 or More		0	0	0	0	0	0	0	0	0	0	0	1	2	3	3	0	2	12
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: PETROLEUM, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	81900	88950	96800	103550	108350	111300	112750	113400	113700	117750
Upper Quartile	0	0	0	0	0	0	0	0	0	75400	85650	91800	95100	96800	97550	97850	97950	98000	99250
Median	0	0	0	0	0	0	0	0	0	67800	79500	84750	86700	87450	87700	87800	87850	87850	91350
Lower Quartile	0	0	0	0	0	0	0	0	0	60000	70450	76300	79250	80650	81250	81500	81600	81600	76450
Lower Decile	0	0	0	0	0	0	0	0	0	56550	64550	68350	70050	70750	71050	71150	71200	71200	63700
Mean	0	0	0	0	0	0	0	0	0	68600	78950	84950	88200	89750	90500	90800	90900	90900	90800
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	82500	89250	92000	99750	122150	121350	146650	114400	132500	117750
Upper Quartile	0	0	0	0	0	0	0	0	0	76500	83550	87100	97400	112900	105700	114600	99850	106250	99250
Median	0	0	0	0	0	0	0	0	0	69000	77000	79200	93400	98950	93350	97500	97500	95600	91350
Lower Quartile	0	0	0	0	0	0	0	0	0	61500	66500	72650	87900	91900	83100	88100	95150	90300	76450
Lower Decile	0	0	0	0	0	0	0	0	0	57000	64200	63200	74000	77400	80250	78800	78800	73400	63700
Mean	0	0	0	0	0	0	0	0	0	69500	77450	79550	92500	101800	97350	104300	97050	99650	90800
Supporting Data																			
Total Number	0	0	2	2	0	3	2	8	4	15	23	26	35	37	46	17	17	17	242
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3	3	0	2	12
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: PETROLEUM, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	49200	51150	53200	55300	57450	59650	61900	66550	73650	80650	87250	93100	97900	101550	104050	106500	92250
Upper Quartile	0	0	41300	43800	46300	48900	51500	54100	56700	61800	69100	75650	81150	85500	88700	90850	92150	93250	82300
Median	0	0	37900	40300	42800	45300	47800	50250	52700	57500	64050	69700	74250	77700	80200	81850	82850	83650	68900
Lower Quartile	0	0	35750	37800	39900	41950	44050	46150	48200	52250	57750	62550	66450	69450	71700	73300	74350	75450	56750
Lower Decile	0	0	34800	36400	38050	39700	41350	43050	44700	48000	52700	57050	60850	64050	66650	68650	70150	72000	43150
Mean	0	0	39650	41800	44050	46250	48500	50750	53000	57450	63700	69400	74200	78150	81200	83350	84750	86100	69600
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	53600	46400	50600	65200	57600	57600	62400	69250	70900	79800	87800	91900	110750	97250	110700	105000	92250
Upper Quartile	0	0	43000	41000	46000	52600	53000	54750	56000	63350	66450	75500	82600	86700	94450	89900	93900	95000	82300
Median	0	0	39100	39300	39650	47500	51500	52000	52600	59900	62000	66900	75250	79600	85250	82700	82000	86400	68900
Lower Quartile	0	0	35550	37550	37550	42900	50000	46250	50400	54350	56500	59400	68100	68150	73500	76100	77700	82150	56750
Lower Decile	0	0	34600	36500	36600	37400	45800	42650	45200	50800	52650	52750	62700	63500	66850	71100	76000	79350	43150
Mean	0	0	41150	40150	41900	48450	51400	51050	53700	59400	61850	67350	75400	78800	85800	84000	87050	89050	69600
Supporting Data																			
Total Number	10	37	28	32	28	17	16	22	24	103	163	129	101	117	154	101	40	72	1184
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

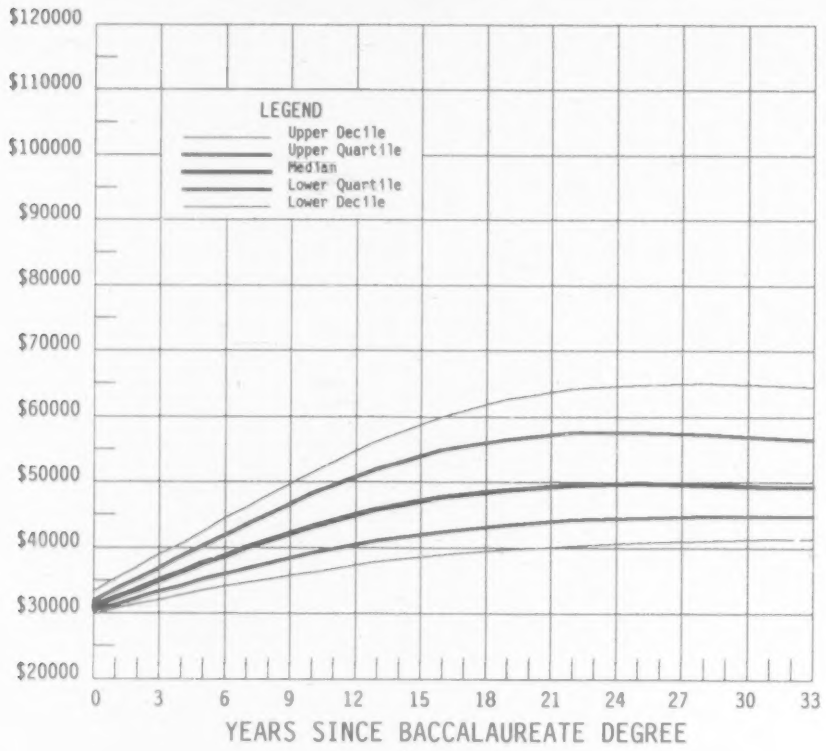
1990 ENGINEERING SALARY STATISTICS: PETROLEUM, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	61600	74350	94050	109550	115900	112950	104700	95200	86700	0	107900
Upper Quartile	0	0	0	0	0	0	0	0	54650	66450	84700	98700	103700	99900	91500	82350	74400	0	91550
Median	0	0	0	0	0	0	0	0	47600	58050	74250	86500	90350	86400	78550	70250	63200	0	78450
Lower Quartile	0	0	0	0	0	0	0	0	44050	53850	68950	79950	82700	78200	70450	62600	56100	0	69600
Lower Decile	0	0	0	0	0	0	0	0	41050	48800	60300	68800	72000	70150	65400	60000	55100	0	56400
Mean	0	0	0	0	0	0	0	0	49700	60500	77250	90050	94350	90600	82650	74150	66900	0	81100
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	69600	80000	92000	94000	95750	117200	107300	118700	112500	0	107900
Upper Quartile	0	0	0	0	0	0	0	0	61350	73350	79450	88200	84750	98200	93500	107750	94800	0	91550
Median	0	0	0	0	0	0	0	0	52650	64000	72000	75250	76550	82750	82100	81950	90350	0	78450
Lower Quartile	0	0	0	0	0	0	0	0	51350	57350	66000	69000	68150	74000	77150	74350	75350	0	69600
Lower Decile	0	0	0	0	0	0	0	0	50550	51500	51900	61600	62550	68650	71350	69450	72000	0	56400
Mean	0	0	0	0	0	0	0	0	56600	65600	73000	78800	78650	88850	86550	89850	90100	0	81100
Supporting Data																			
Total Number	9	6	3	5	2	5	3	7	16	20	32	54	57	58	95	73	50	8	490
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	1	3	1	1	2	0	8
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: PETROLEUM, NON-SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	63850	72650	85050	94550	99750	100600	98350	94550	90400	0	99050
Upper Quartile	0	0	0	0	0	0	0	0	57200	66050	78800	88500	93300	93250	89900	85100	80300	0	85300
Median	0	0	0	0	0	0	0	0	49350	58150	71050	80650	84600	83050	78250	72450	67050	0	76300
Lower Quartile	0	0	0	0	0	0	0	0	45500	53700	65700	74350	77550	75600	70750	65150	60050	0	68300
Lower Decile	0	0	0	0	0	0	0	0	43250	49250	57600	63850	67050	67250	65350	62500	59550	0	53750
Mean	0	0	0	0	0	0	0	0	51500	60000	72200	81300	85400	84600	80650	75600	70650	0	77650
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	69600	77200	79650	88800	88250	98250	97750	117400	105850	0	99050
Upper Quartile	0	0	0	0	0	0	0	0	61350	70350	77150	81900	81250	87200	91600	106000	94400	0	85300
Median	0	0	0	0	0	0	0	0	52650	62000	70000	73100	75650	77500	79850	81450	90000	0	76300
Lower Quartile	0	0	0	0	0	0	0	0	51350	56350	61000	67000	67000	72100	76450	74000	74900	0	68300
Lower Decile	0	0	0	0	0	0	0	0	50550	51300	51500	55400	62250	67300	70600	69350	71700	0	53750
Mean	0	0	0	0	0	0	0	0	56600	63300	68650	73900	75500	80800	83400	88350	87500	0	77650
Supporting Data																			
Total Number	9	6	3	5	2	5	3	6	16	17	25	42	51	41	78	70	46	5	420
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

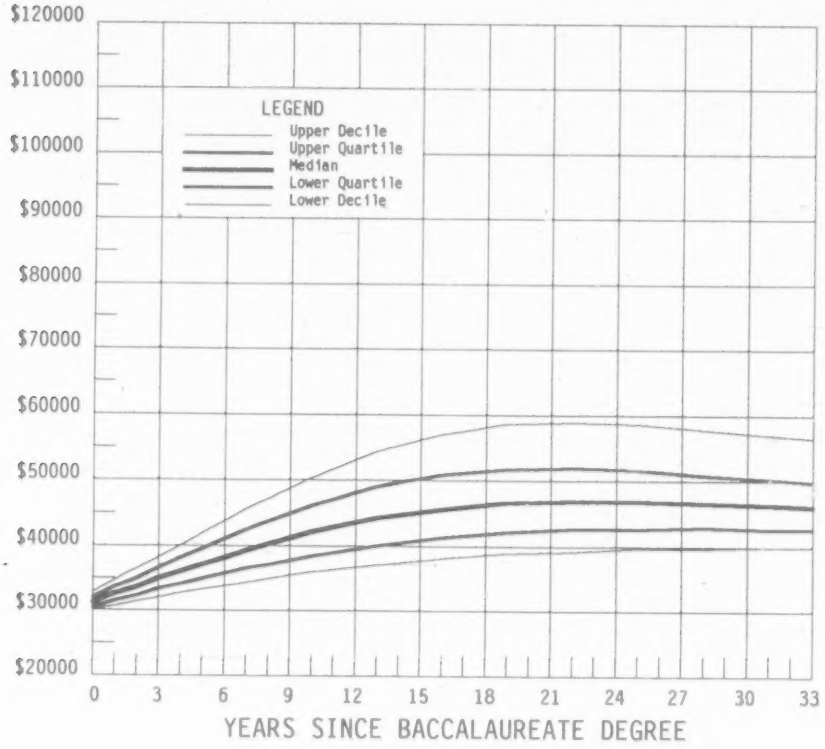
SALARY CURVES FOR ENGINEERS IN PRECISION INSTRUMENTS
ALL ENGINEERS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: PRECISION INSTRUMENTS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	33350	35150	36950	38800	40650	42500	44400	46250	48050	51550	56200	59900	62550	64150	64850	64950	64700	63650	57050
Upper Quartile	31850	33500	35150	36850	38600	40250	41950	43600	45200	48200	52000	54850	56650	57550	57700	57400	56850	55500	50150
Median	31050	32350	33650	34950	36250	37500	38750	39900	41050	43100	45750	47650	48900	49550	49750	49650	49400	48650	43300
Lower Quartile	30350	31300	32300	33250	34200	35100	35950	36800	37600	39100	41000	42450	43500	44200	44600	44800	44850	44700	37700
Lower Decile	29850	30650	31400	32100	32800	33500	34100	34700	35300	36350	37750	38850	39700	40350	40800	41100	41300	41450	33750
Mean	31150	32500	33850	35200	36500	37800	39100	40350	41550	43800	46650	48900	50450	51400	51850	51950	51850	51300	44700
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	32800	33900	36000	37950	41600	42950	48650	47600	46100	52250	56100	56800	59900	67600	68550	60000	62000	67100	57050
Upper Quartile	31800	33450	34500	35950	39300	39950	44400	44900	43500	48250	51550	53850	56750	58850	59000	56000	56500	55600	50150
Median	31100	32650	32000	34800	36650	37750	39750	40250	39700	43150	46100	47000	47000	52400	51500	49000	46600	49100	43300
Lower Quartile	30450	31750	30750	33400	33500	36500	37150	36600	35400	39300	41800	40800	42700	46000	46500	44000	43250	44750	37700
Lower Decile	30050	30700	30000	32350	32450	34700	34900	34400	34100	36250	38350	37800	39200	41900	42600	41000	39500	40850	33750
Mean	31150	32550	32600	34950	36800	38250	40750	40750	39650	43850	46800	47700	50150	53600	53050	50150	50050	51900	44700
---------- Supporting Data ----------																			
Total Number	12	14	10	21	28	27	19	26	22	92	69	46	42	32	26	20	15	29	550
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SALARY CURVES FOR ENGINEERS IN PRECISION INSTRUMENTS NON-SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: PRECISION INSTRUMENTS, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	32750	34550	36400	38250	40100	41950	43800	45550	47300	50450	54400	57100	58600	59000	58650	57900	56950	54950	52050
Upper Quartile	32000	33500	35050	36600	38150	39600	41050	42450	43800	46200	49050	50900	51850	52050	51700	51050	50300	48800	46600
Median	31300	32500	33700	34900	36050	37200	38250	39300	40250	42050	44200	45650	46550	46950	46950	46750	46400	45650	41300
Lower Quartile	30500	31450	32350	33200	34050	34900	35700	36450	37150	38450	40050	41250	42050	42550	42800	42850	42800	42550	36550
Lower Decile	30050	30750	31400	32050	32700	33300	33900	34450	35000	35950	37150	38100	38800	39300	39650	39850	39950	40000	33100
Mean	31300	32550	33800	35050	36250	37400	38550	39650	40700	42600	44900	46550	47600	48050	48150	48000	47700	46900	42200
Raw (Unsmoothed) Statistics																			
Upper Decile	32800	33900	36000	37950	40700	42200	46100	47900	45400	50000	53600	54700	57600	66200	63000	58800	57800	52000	52050
Upper Quartile	31800	33450	34500	35950	38750	39700	41000	44000	42750	46450	49800	49800	48500	52250	54900	53000	47750	49400	46600
Median	31100	32650	32000	34800	36350	37650	39000	39500	39500	42350	45000	44300	44000	47500	49500	47000	45100	46400	41300
Lower Quartile	30450	31750	30750	33400	33400	36450	36650	36400	35300	38650	40800	39600	41400	43050	45100	43000	40750	43000	36550
Lower Decile	30050	30700	30000	32350	32400	34600	34600	34250	34050	36000	37400	37150	37600	40850	42500	39800	39100	39500	33100
Mean	31150	32550	32600	34950	36350	38100	39700	40400	39100	42700	45250	45350	45600	49600	51350	48950	46150	46600	42200
Supporting Data																			
Total Number	12	14	10	21	26	26	16	24	21	80	54	33	28	19	15	16	11	20	446
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

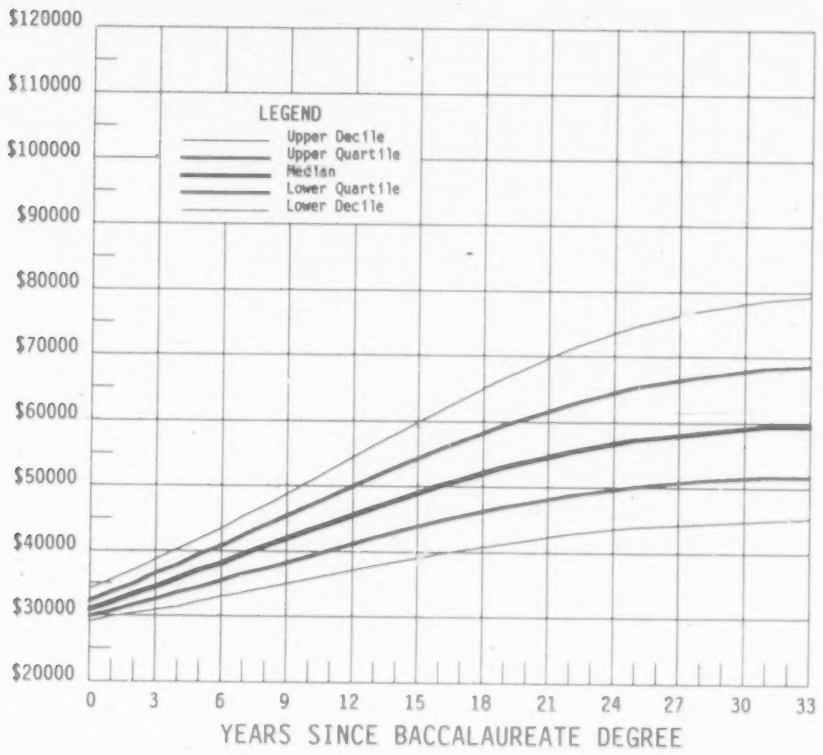
1990 ENGINEERING SALARY STATISTICS: PRECISION INSTRUMENTS, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33350	35100	36900	38700	40500	42350	44150	45950	47700	51100	55550	59050	61500	62950	63600	63650	63350	62300	55400
Upper Quartile	32300	33850	35450	37050	38650	40250	41800	43350	44800	47600	51200	54000	55850	56900	57300	57200	56900	55950	48700
Median	31350	32550	33750	34950	36150	37250	38400	39450	40500	42350	44750	46500	47650	48300	48600	48550	48400	47850	42300
Lower Quartile	30450	31400	32300	33200	34050	34900	35750	36500	37250	38650	40350	41700	42700	43350	43700	43900	43950	43850	36950
Lower Decile	30150	30800	31400	32000	32600	33200	33750	34300	34800	35800	37150	38250	39150	39850	40350	40700	40950	41150	33200
Mean	31400	32700	33950	35200	36450	37700	38850	40050	41150	43200	45900	47900	49350	50250	50700	50800	50750	50350	43650
Raw (Unsmoothed) Statistics																			
Upper Decile	32800	33900	36000	38150	41900	41900	47900	47000	46300	52750	53750	60000	59100	63200	60800	59000	62800	67300	55400
Upper Quartile	31800	33450	34500	36150	39400	39900	44750	44750	44200	48600	50200	53400	56000	57500	53500	51900	55250	61000	48700
Median	31100	32650	32000	34700	36850	37800	39500	39000	39750	43100	44000	46250	46500	51500	48200	46500	45900	49600	42300
Lower Quartile	30450	31750	30750	33250	33650	36600	37000	36000	35400	38850	40800	40250	42500	45500	44500	42750	41750	44550	36950
Lower Decile	30050	30700	30000	32300	32500	35400	35400	34000	31800	35750	37000	38000	39600	42200	41800	39500	39300	40550	33200
Mean	31150	32550	32600	34950	36950	38300	40700	40200	39750	43850	45100	47500	49150	52450	49600	47750	49550	52250	43650
Supporting Data																			
Total Number	12	14	10	19	27	24	14	20	19	65	50	30	36	22	18	15	13	27	435
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: PRECISION INSTRUMENTS, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	32800	34600	36400	38200	40000	41800	43500	45200	46800	49650	53000	55100	55950	55850	55100	54050	52900	50700	50250
Upper Quartile	32350	33800	35200	36650	38050	39450	40750	42000	43200	45400	47900	49600	50450	50650	50350	49850	49200	47850	45450
Median	31450	32550	33700	34800	35850	36900	37900	38850	39750	41400	43350	44800	45650	46100	46150	46050	45800	45200	40450
Lower Quartile	30600	31450	32300	33100	33900	34650	35350	36050	36750	37950	39500	40650	41500	42100	42450	42600	42700	42650	35950
Lower Decile	30300	30850	31400	31950	32500	33000	33500	33950	34450	35300	36450	37450	38300	38950	39450	39800	40050	40300	32700
Mean	31450	32650	33850	35000	36150	37250	38300	39300	40250	42000	44100	45600	46500	46900	46950	46800	46500	45800	41150
Raw (Unsmoothed) Statistics																			
Upper Decile	32800	33900	36000	38150	40750	40900	45200	47600	45650	49800	52100	55400	56800	54800	53000	52700	0	52200	50250
Upper Quartile	31800	33450	34500	36150	38900	39600	41000	43250	43250	46100	47750	49250	47000	51500	49500	50000	0	49600	45450
Median	31100	32650	32000	34700	36500	37700	38750	38000	39500	42100	42950	44750	43600	47000	47000	45000	0	46250	40450
Lower Quartile	30450	31750	30750	33250	33500	36550	36650	35650	35250	37950	39600	39800	41400	43500	43500	42000	0	42500	35950
Lower Decile	30050	30700	30000	32300	32450	35300	35200	33800	31600	35250	35950	37600	38400	41400	42000	38600	0	39200	32700
Mean	31150	32550	32600	34950	36500	38150	39400	39650	39100	42300	43600	45700	45250	48550	47000	45650	0	46550	41150
Supporting Data																			
Total Number	12	14	10	19	25	23	12	18	18	55	39	24	24	14	10	12	9	18	356
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

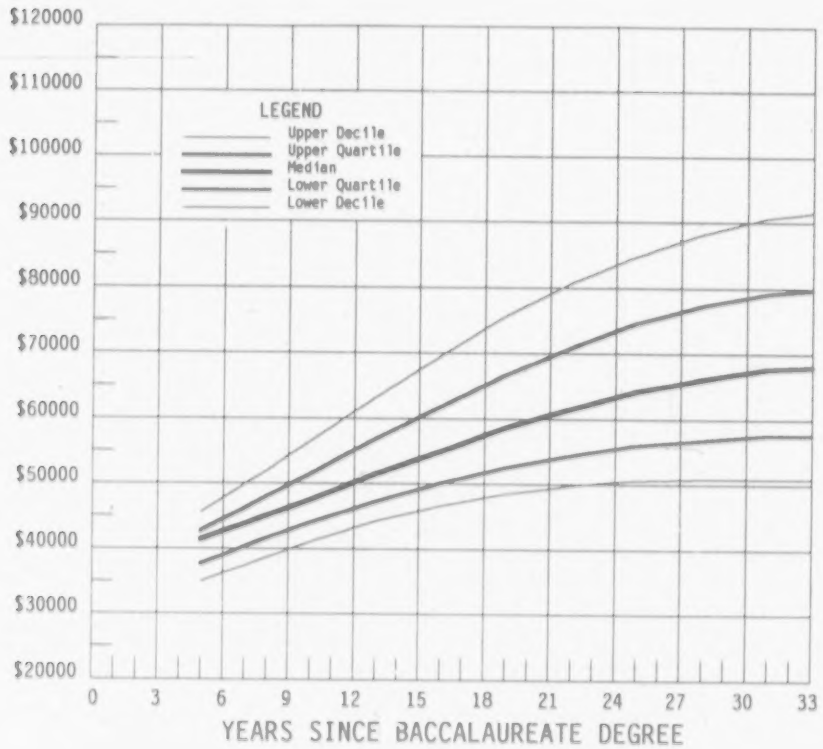
SALARY CURVES FOR ENGINEERS IN OTHER DURABLE GOODS MANUFACTURING
ALL ENGINEERS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: OTHER DURABLE GOODS MANUFACTURING

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	34100	35550	37000	38550	40150	41800	43500	45250	47050	50700	56300	61700	66750	71100	74550	77050	78750	80200	67800
Upper Quartile	32350	33650	35050	36450	37900	39400	40900	42400	43950	47000	51550	55800	59600	62800	65250	67050	68200	69200	58100
Median	30950	32100	33300	34500	35700	36950	38200	39450	40700	43200	46800	50100	53000	55400	57200	58500	59350	60100	48050
Lower Quartile	29950	30750	31650	32550	33500	34450	35400	36400	37350	39300	42150	44800	47000	48850	50200	51100	51700	52150	39000
Lower Decile	29200	29750	30350	30950	31600	32250	32950	33650	34350	35750	37800	39750	41450	42850	43900	44650	45150	45600	33550
Mean	31500	32550	33650	34750	35900	37100	38300	39550	40800	43350	47100	50700	53900	56600	58700	60200	61200	62050	49900
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	36900	35200	35950	37900	39800	42650	43800	44550	48050	50250	57150	61950	66050	71850	75900	77300	79050	78300	67800
Upper Quartile	33300	33650	34650	36150	37750	39900	40900	41400	44550	46850	52100	55550	58850	63950	66750	67800	68250	67400	58100
Median	31450	32300	33050	34200	35500	37200	38550	39100	40600	42900	47750	50000	51800	56700	57850	59650	59500	58550	48050
Lower Quartile	30400	30800	31650	32350	33150	34550	35350	36200	37550	39050	42450	45150	46400	49900	50700	51800	51500	50900	39000
Lower Decile	29200	29650	30650	30800	31900	32100	33000	33350	34600	35300	37700	40250	40550	44350	44950	45850	44900	43900	33550
Mean	32400	32600	33350	34400	35550	37350	38400	39300	41150	43050	47650	50850	53050	57700	59650	60850	61150	60600	49900
---------- Supporting Data ----------																			
Total Number	79	167	204	185	154	181	188	173	225	598	466	541	472	522	416	394	413	650	6028
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	1	3	7
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

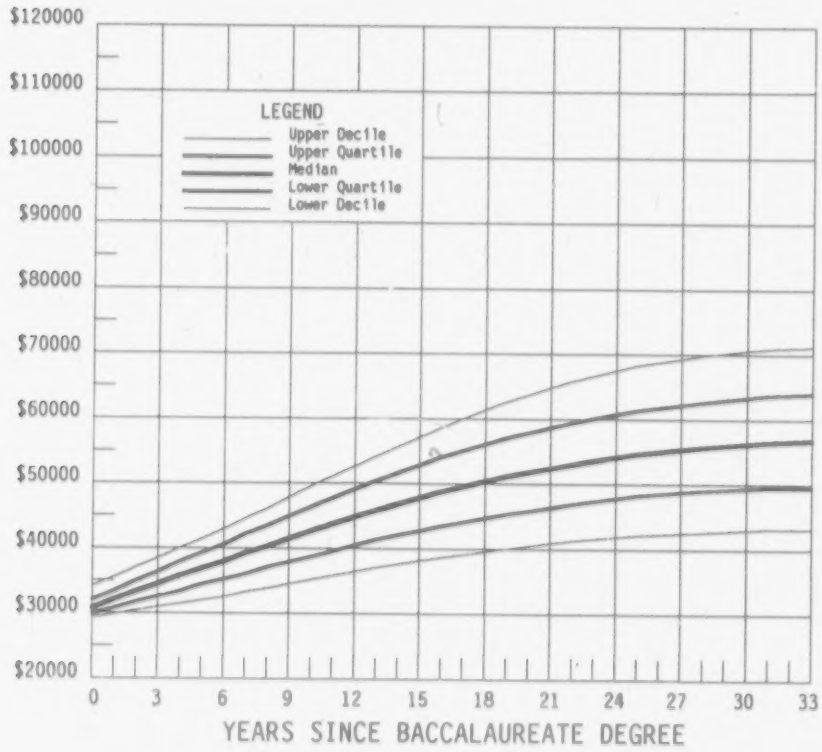
SALARY CURVES FOR ENGINEERS IN OTHER DURABLE GOODS MANUFACTURING SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: OTHER DURABLE GOODS MANUFACTURING, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Total
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	45500	47650	49800	52000	56500	63250	69700	75600	80700	84900	88200	90600	93750	82750
Upper Quartile	0	0	0	0	0	42800	44450	46200	47950	51450	56750	61950	66750	71000	74550	77300	79250	81350	70650
Median	0	0	0	0	0	41400	42600	43800	45050	47550	51350	55050	58550	61650	64200	66250	67650	69200	59350
Lower Quartile	0	0	0	0	0	37650	38950	40200	41500	43900	47250	50200	52600	54500	55900	56850	57500	58200	50700
Lower Decile	0	0	0	0	0	34900	36200	37450	38700	41100	44250	46750	48650	49900	50600	50900	50950	50650	45150
Mean	0	0	0	0	0	40650	42150	43700	45250	48300	52750	56850	60550	63700	66300	68350	69850	71950	62150
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	45200	46200	49500	57600	55700	63750	69700	75100	81250	85500	86050	90700	94450	82750
Upper Quartile	0	0	0	0	0	43000	43750	47250	49000	50250	59000	61050	65600	71450	76250	76800	79350	80800	70650
Median	0	0	0	0	0	41000	41500	45250	45800	47600	52450	54050	57250	62750	65100	67150	66000	69400	59350
Lower Quartile	0	0	0	0	0	37350	38900	37500	41000	45050	48950	49450	51050	55050	56250	57550	56950	58300	50700
Lower Decile	0	0	0	0	0	35200	35800	34500	37050	42400	46000	45950	47750	50700	49650	50600	51450	50800	45150
Mean	0	0	0	0	0	40400	41350	44050	46100	48250	53950	56200	59300	64600	67100	68000	69200	72200	62150
Supporting Data																			
Total Number	0	2	7	6	5	16	18	15	16	73	87	129	149	177	141	125	143	179	1288
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	1	3	7
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SALARY CURVES FOR ENGINEERS IN OTHER DURABLE GOODS MANUFACTURING NON-SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: OTHER DURABLE GOODS MANUFACTURING, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34200	35550	36950	38450	39950	41450	43050	44650	46250	49500	54250	58750	62650	65900	68300	70000	71050	71900	62650
Upper Quartile	32050	33450	34850	36300	37750	39200	40650	42100	43550	46400	50400	54000	57050	59500	61400	62800	63750	64850	54100
Median	30800	32000	33200	34400	35600	36800	38000	39200	40400	42650	45850	48700	51100	53100	54600	55750	56600	57600	45000
Lower Quartile	29950	30800	31650	32550	33400	34300	35200	36100	37000	38750	41250	43500	45450	47000	48200	49050	49600	50050	37400
Lower Decile	29300	29800	30350	30900	31450	32050	32650	33300	33900	35150	36950	38600	40000	41200	42050	42700	43100	43450	32850
Mean	31550	32550	33600	34650	35750	36850	37950	39100	40250	42500	45850	48850	51450	53550	55150	56200	56900	57400	46550
Raw (Unsmoothed) Statistics																			
Upper Decile	36900	35200	35850	37900	39750	41900	43450	43250	47500	49550	54700	59450	61100	66300	69550	71650	71400	69850	62650
Upper Quartile	33300	33600	34500	36200	37750	39500	40600	40850	43900	46000	50650	53850	56350	60800	62750	64700	65050	62650	54100
Median	31450	32250	33000	34150	35450	36950	38250	38950	40350	42200	46500	48800	49550	54200	55200	57550	57050	56350	45000
Lower Quartile	30400	30800	31600	32300	33100	34350	35100	36150	37450	38600	41300	44100	44050	47850	48950	50350	48900	49250	37400
Lower Decile	29200	29650	30600	30750	31850	31900	32800	33250	34000	34700	37100	39100	39250	41350	43250	44000	42500	42600	32850
Mean	32400	32600	33150	34350	35500	37050	38100	38850	40800	42350	46200	49150	50150	54200	55850	57550	56900	56250	46550
Supporting Data																			
Total Number	79	165	197	179	149	165	170	158	209	525	379	412	323	345	275	269	270	47	4740
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: OTHER DURABLE GOODS MANUFACTURING, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33850	35200	36650	38150	39700	41300	42950	44600	46300	49800	55000	59950	64350	68050	70850	72850	74050	75100	63050
Upper Quartile	32000	33350	34800	36200	37650	39150	40600	42050	43500	46350	50450	54100	57250	59800	61800	63250	64300	65550	53150
Median	30750	31950	33150	34350	35600	36800	38000	39200	40350	42650	45800	48600	50900	52800	54250	55300	56000	56900	44350
Lower Quartile	30050	30800	31600	32450	33300	34150	35050	35950	36800	38600	41100	43400	45350	46900	48050	48850	49350	49750	36850
Lower Decile	29400	29800	30250	30800	31350	31900	32500	33100	33750	35000	36850	38550	40050	41250	42100	42750	43100	43400	32600
Mean	31450	32450	33450	34550	35650	36750	37900	39050	40250	42600	46050	49200	52000	54250	55900	57100	57800	58400	46500
Raw (Unsmoothed) Statistics																			
Upper Decile	35700	34850	35850	37750	39750	42300	43000	43950	47300	49700	55650	59700	61700	70750	71300	73450	77550	72400	63050
Upper Quartile	32850	33450	34500	36000	37650	39700	40650	40900	43500	46400	50900	53250	55500	62050	63500	65100	64950	63750	53150
Median	31350	32150	33000	34150	35300	37100	38300	38850	39950	42450	46150	48550	49300	54800	55550	56100	55800	55950	44350
Lower Quartile	30300	30750	31600	32300	33000	34350	35000	36000	37200	38650	40800	43500	44000	48500	48750	50100	48750	49000	36850
Lower Decile	29100	29650	30600	30750	31650	31750	32750	33000	33700	34650	36800	38850	39300	42600	43850	44400	42100	42050	32600
Mean	31850	32450	33250	34300	35400	37200	38000	38900	40550	42550	46200	49200	50350	55900	57300	57800	57850	57250	46500
Supporting Data																			
Total Number	73	156	197	168	137	153	157	144	178	487	314	325	289	287	206	217	239	405	4132
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	3
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: OTHER DURABLE GOODS MANUFACTURING, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	45000	47050	49100	51150	55300	61500	67450	72800	77400	81200	84150	86350	89250	78050
Upper Quartile	0	0	0	0	0	42950	44350	45800	47300	50400	55150	59850	64150	67900	70900	73100	74550	75800	65550
Median	0	0	0	0	0	40900	42100	43350	44550	47000	50600	53900	56800	59200	61050	62350	63200	63950	55650
Lower Quartile	0	0	0	0	0	36900	38250	39600	40950	43450	46850	49650	51750	53250	54150	54650	54800	54700	48700
Lower Decile	0	0	0	0	0	34600	35850	37100	38300	40550	43550	45950	47650	48800	49400	49600	49600	49200	42950
Mean	0	0	0	0	0	40000	41550	43100	44600	47600	51800	55600	58850	61450	63450	64900	65850	67000	58450
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	45800	45950	48700	52100	55200	61500	69400	69900	78700	81700	82500	87600	88950	78050
Upper Quartile	0	0	0	0	0	42900	43400	46850	48100	50000	57350	59000	61450	70000	71850	71850	77150	74100	65550
Median	0	0	0	0	0	40000	41250	44900	45100	47450	52100	52400	54350	60950	64150	62450	61250	64350	55650
Lower Quartile	0	0	0	0	0	37000	38750	36500	38750	44900	48350	48750	49800	53950	56100	53750	54600	54800	48700
Lower Decile	0	0	0	0	0	34800	35700	34300	36850	42200	44000	45150	47100	49300	48700	49500	50250	49100	42950
Mean	0	0	0	0	0	40100	41100	42600	45050	48050	52350	55050	56850	62600	65950	64000	65900	66550	58450
Supporting Data																			
Total Number	0	2	7	6	5	14	17	13	13	68	60	83	96	106	73	65	89	105	822
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	1	3
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: OTHER DURABLE GOODS MANUFACTURING, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33650	35100	36550	38000	39500	41000	42500	44000	45500	48400	52550	56300	59500	62150	64200	65700	66800	68150	57950
Upper Quartile	32200	33500	34800	36150	37450	38800	40100	41400	42700	45200	48750	51850	54400	56500	58100	59200	60000	60900	49750
Median	30950	32050	33200	34300	35400	36500	37600	38700	39750	41750	44500	46900	48850	50400	51600	52400	53000	53650	41500
Lower Quartile	30000	30800	31600	32400	33200	34050	34850	35650	36450	38000	40200	42100	43750	45050	46050	46750	47200	47600	35550
Lower Decile	29400	29800	30250	30750	31250	31750	32300	32850	33400	34500	36100	37550	38750	39750	40450	40950	41250	41500	32100
Mean	31200	32300	33400	34450	35550	36650	37700	38750	39800	41800	44550	47000	49050	50700	52000	53000	53700	54600	43550
Raw (Unsmoothed) Statistics																			
Upper Decile	35700	34800	35750	37700	39700	41050	42500	42900	46700	48850	52750	55950	57600	63250	63700	67550	67650	67350	57950
Upper Quartile	32850	33450	34300	36050	37650	39400	40300	40550	43050	45200	49150	51650	51900	58050	58750	62150	59700	60000	49750
Median	31350	32150	32900	34100	35200	36900	38000	38700	39750	41650	44800	47050	46850	51800	52000	54000	52000	53450	41500
Lower Quartile	30300	30700	31550	32250	32900	34150	34750	35950	37100	38200	39850	42000	41600	46250	47200	48600	45750	47550	35550
Lower Decile	29100	29600	30600	30700	31600	31500	32550	32950	33400	34000	36350	38000	38250	39400	41850	43050	39500	41150	32100
Mean	31850	32400	33100	34250	35350	36900	37600	38550	40200	41700	44750	47200	47100	51950	52500	55150	53100	53950	43550
Supporting Data																			
Total Number	73	154	190	162	132	139	140	131	165	419	254	242	193	181	133	152	150	300	3310
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: OTHER DURABLE GOODS MANUFACTURING, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	39400	41200	43050	44950	46850	48750	52550	58200	63450	68200	72200	75400	77850	79650	81900	71900
Upper Quartile	0	0	0	37800	39300	40800	42350	43900	45450	48600	53200	57600	61550	64900	67600	69550	70900	72200	62800
Median	0	0	0	34900	36350	37800	39200	40650	42050	44800	48700	52200	55150	57550	59450	60800	61650	62500	53600
Lower Quartile	0	0	0	33200	34400	35650	36850	38050	39200	41500	44600	47350	49600	51350	52650	53550	54150	54850	45700
Lower Decile	0	0	0	31450	32500	33600	34600	35600	36600	38450	40900	42950	44500	45600	46350	46800	47000	47100	38800
Mean	0	0	0	35250	36700	38150	39600	41050	42500	45300	49250	52850	56000	58600	60650	62150	63200	64250	55150
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	39700	40000	43250	45800	47600	48300	51300	60100	62600	68800	71500	75950	76000	81900	81600	71900
Upper Quartile	0	0	0	37850	38450	41450	44000	42900	45950	47100	53900	57700	61300	65250	67800	70000	71900	70800	62800
Median	0	0	0	35000	36600	37450	39350	40400	43000	44050	49400	51600	55200	58600	58200	61250	63400	61350	53600
Lower Quartile	0	0	0	32600	34900	35350	36800	38300	39500	40500	46650	46900	49300	50950	51450	54000	56050	54500	45700
Lower Decile	0	0	0	31150	33700	33850	34900	34900	36550	37250	41800	43200	45300	44800	45350	46250	50050	46400	38800
Mean	0	0	0	35250	36700	38200	39800	41250	42800	44150	50500	52500	55800	59000	59800	61950	65100	63550	55150
Supporting Data																			
Total Number	6	11	7	17	17	28	28	28	38	91	129	180	134	186	151	120	121	174	1466
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	3
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: OTHER DURABLE GOODS MANUFACTURING, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	66500	70150	75100	80400	85200	88950	91500	93650	84400
Upper Quartile	0	0	0	0	0	0	0	0	0	0	63650	64350	67200	71050	75150	78750	81500	84450	74150
Median	0	0	0	0	0	0	0	0	0	0	54500	57300	60100	62900	65550	68050	70250	74150	64300
Lower Quartile	0	0	0	0	0	0	0	0	0	0	50100	51250	53050	55300	57800	60350	62800	67050	55200
Lower Decile	0	0	0	0	0	0	0	0	0	0	47700	48250	49150	50300	51550	52800	53950	55900	49250
Mean	0	0	0	0	0	0	0	0	0	0	57200	58800	61250	64200	67250	70150	72650	76150	66100
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	67600	68000	75400	83000	85800	83600	92500	94850	84400
Upper Quartile	0	0	0	0	0	0	0	0	0	0	64600	62400	68850	71350	76000	76000	81750	85250	74150
Median	0	0	0	0	0	0	0	0	0	0	53750	57450	61200	64000	63000	68000	70000	75150	64300
Lower Quartile	0	0	0	0	0	0	0	0	0	0	49700	51000	53750	57350	54200	60000	64100	67500	55200
Lower Decile	0	0	0	0	0	0	0	0	0	0	48050	47000	50150	52200	49400	51050	55500	56200	49250
Mean	0	0	0	0	0	0	0	0	0	0	57650	57650	61700	66450	64850	68500	73850	76750	66100
Supporting Data																			
Total Number	0	0	0	0	0	2	1	2	3	5	25	40	43	64	52	44	45	51	377
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	3
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: OTHER DURABLE GOODS MANUFACTURING, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	39250	40900	42550	44200	45900	47550	50900	55750	60200	64000	67050	69350	70950	71900	72700	65450
Upper Quartile	0	0	0	37550	38950	40400	41850	43350	44800	47700	51900	55650	58800	61300	63100	64300	65000	65500	58900
Median	0	0	0	35050	36400	37700	39050	40350	41650	44200	47700	50750	53300	55300	56800	57850	58550	59300	50600
Lower Quartile	0	0	0	33250	34400	35550	36700	37800	38900	41000	43800	46250	48150	49650	50700	51350	51800	52200	43450
Lower Decile	0	0	0	31800	32750	33700	34600	35450	36300	37900	39950	41600	42850	43750	44350	44650	44850	44900	37300
Mean	0	0	0	35150	36500	37900	39250	40600	41900	44450	48000	51050	53550	55450	56850	57750	58350	58900	51400
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	39700	40000	43050	45650	43800	47400	50900	55900	60650	62600	67000	70800	73050	73900	69850	65450
Upper Quartile	0	0	0	37850	38450	40600	42900	42300	45400	46650	52600	55550	58350	62100	65100	64000	66000	63200	58900
Median	0	0	0	35000	36600	37150	39150	40100	42500	43700	48750	50600	52300	55200	56150	58900	60000	58750	50600
Lower Quartile	0	0	0	32600	34900	35150	36700	38150	39200	40250	45500	46050	48000	48300	50550	51200	53750	52000	43450
Lower Decile	0	0	0	31150	33700	33750	34850	34800	36350	37050	40700	42200	44050	42600	43350	43300	46150	45400	37300
Mean	0	0	0	35250	36700	37850	39600	40300	42150	43750	48750	51000	53000	55100	57150	58150	59900	58050	51400
Supporting Data																			
Total Number	6	11	7	17	17	26	27	26	35	86	104	140	91	122	99	76	76	123	1089
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

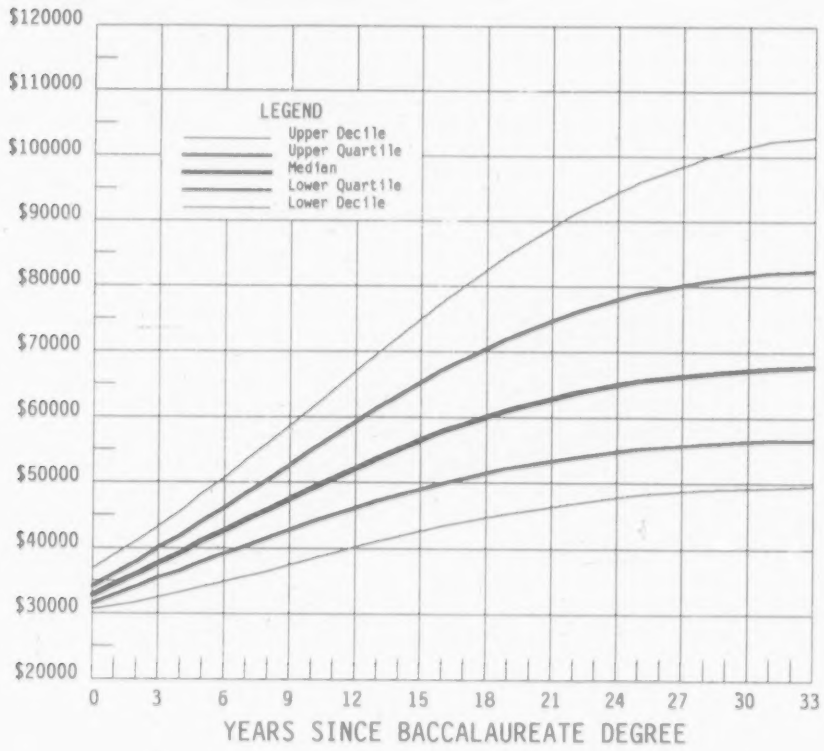
1990 ENGINEERING SALARY STATISTICS: OTHER DURABLE GOODS MANUFACTURING, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	56450	61900	67200	72300	77000	81200	84800	87750	92400	80850
Upper Quartile	0	0	0	0	0	0	0	0	0	51850	57150	62050	66350	69950	72800	74900	76400	78300	71300
Median	0	0	0	0	0	0	0	0	0	48450	52850	56800	60150	62900	64950	66450	67450	68650	62550
Lower Quartile	0	0	0	0	0	0	0	0	0	47450	48150	55650	58100	58550	58600	59650	58650	58650	55200
Lower Decile	0	0	0	0	0	0	0	0	0	42250	45600	48450	50800	52600	53900	54750	55250	55800	48950
Mean	0	0	0	0	0	0	0	0	0	49750	50400	61750	66050	66900	67050	67050	67050	67050	64350
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	58000	58700	66400	74200	77450	85100	85500	77400	97250	80850
Upper Quartile	0	0	0	0	0	0	0	0	0	53000	55450	62000	66200	68750	75200	78200	71550	79000	71300
Median	0	0	0	0	0	0	0	0	0	49000	52050	57000	59800	62450	66000	66900	66850	68500	62550
Lower Quartile	0	0	0	0	0	0	0	0	0	47350	49600	52000	55100	56600	58100	60200	61300	61200	55200
Lower Decile	0	0	0	0	0	0	0	0	0	45000	41900	48300	51350	51900	53700	57000	56200	54350	48950
Mean	0	0	0	0	0	0	0	0	0	50300	51350	57300	61300	63500	67700	70200	66950	72800	64350
Supporting Data																			
Total Number	0	0	0	0	0	0	3	1	9	20	23	36	49	49	59	57	53	71	430
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: OTHER DURABLE GOODS MANUFACTURING, NON-SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	56950	60550	64300	67950	71300	74100	76200	77700	79150	73400
Upper Quartile	0	0	0	0	0	0	0	0	0	52450	56350	60000	63200	65950	68100	69800	70950	72150	66550
Median	0	0	0	0	0	0	0	0	0	48800	52600	55900	58700	60950	62650	63900	64750	65600	59700
Lower Quartile	0	0	0	0	0	0	0	0	0	46950	49550	51950	53950	55650	57000	58000	58700	59400	53850
Lower Decile	0	0	0	0	0	0	0	0	0	43300	45050	47050	49050	50950	52500	53750	54550	55400	48050
Mean	0	0	0	0	0	0	0	0	0	49550	52800	55850	58550	60900	62800	64200	65200	66250	60400
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	58000	58550	64000	68150	71750	75250	79850	73600	79200	73400
Upper Quartile	0	0	0	0	0	0	0	0	0	53000	55050	60400	63000	66000	70500	67900	70000	72800	66550
Median	0	0	0	0	0	0	0	0	0	49000	51950	56500	58200	60900	62500	64750	65600	64500	59700
Lower Quartile	0	0	0	0	0	0	0	0	0	47350	48900	51500	54400	55700	56700	58650	60000	58000	53850
Lower Decile	0	0	0	0	0	0	0	0	0	45000	41300	48000	49850	51200	51950	56400	54200	53750	48050
Mean	0	0	0	0	0	0	0	0	0	50300	51050	56250	58550	61100	63150	65250	64650	65650	60400
Supporting Data																			
Total Number	0	0	0	0	0	0	3	1	9	20	21	30	39	42	43	41	44	48	341
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

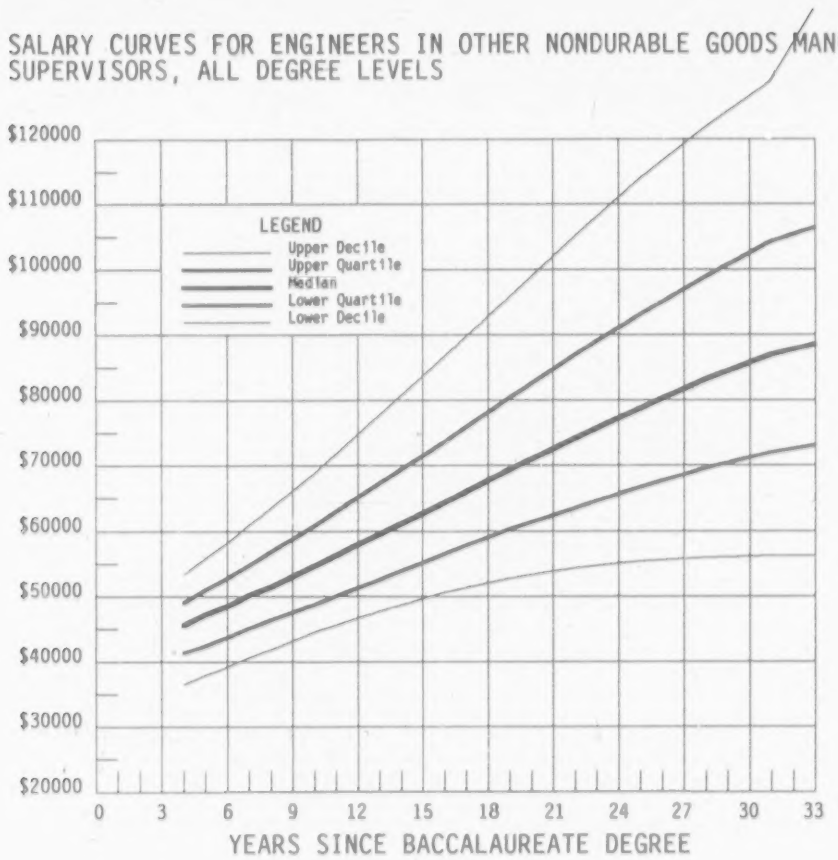
SALARY CURVES FOR ENGINEERS IN OTHER NONDURABLE GOODS MANUFACTURING
ALL ENGINEERS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: OTHER NONDURABLE GOODS MANUFACTURING

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	36700	38800	41000	43300	45700	48150	50650	53250	55950	61350	69600	77600	84900	91100	96050	99750	102300	105350	75650
Upper Quartile	34150	36000	37950	39900	41950	44050	46200	48350	50500	54900	61250	67100	72050	76050	78950	80900	[illegible]	83250	60200
Median	32900	34450	36050	37650	39300	40950	42600	44300	45950	49150	53700	57750	61050	63650	65500	66[illegible]	67500	68200	48850
Lower Quartile	31550	32800	34100	35350	36650	37900	39200	40400	41650	44000	47200	49950	52200	53900	55150	55950	56500	57000	39200
Lower Decile	30550	31150	31800	32500	33250	34050	34900	35700	36600	38350	40950	43350	45350	47000	48150	48950	49400	49750	34050
Mean	32900	34500	36100	37750	39450	41150	42900	44650	46400	49900	54900	59550	63600	66950	69550	71500	72800	74450	52700
Raw (Unsmoothed) Statistics																			
Upper Decile	35900	39600	39150	44250	46500	48650	49550	52450	55200	63550	71500	80250	78950	90350	91250	84250	91500	117250	75650
Upper Quartile	34350	35850	37100	40150	40900	44950	45600	49750	50150	55500	62550	68600	69200	77000	76150	71400	75250	86250	60200
Median	33300	34000	35100	38150	38500	41500	41400	46600	45950	50200	54100	57350	58300	64650	66250	62500	61850	67800	48850
Lower Quartile	32500	32600	32550	36150	36100	38050	38150	41650	40900	44550	47850	51200	50100	53350	56800	52700	54400	54400	39200
Lower Decile	32050	31350	29000	34150	33100	33850	34000	35300	35400	39300	41850	44700	44100	47500	50500	45950	48600	45050	34050
Mean	33600	34800	34450	37850	39000	41300	41800	45350	46050	50950	55850	60350	61700	68300	70250	64150	65900	75000	52700
Supporting Data																			
Total Number	67	78	65	56	92	106	80	83	51	198	139	126	101	88	75	73	71	111	1670
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	2	3	3	0	0	8	17
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

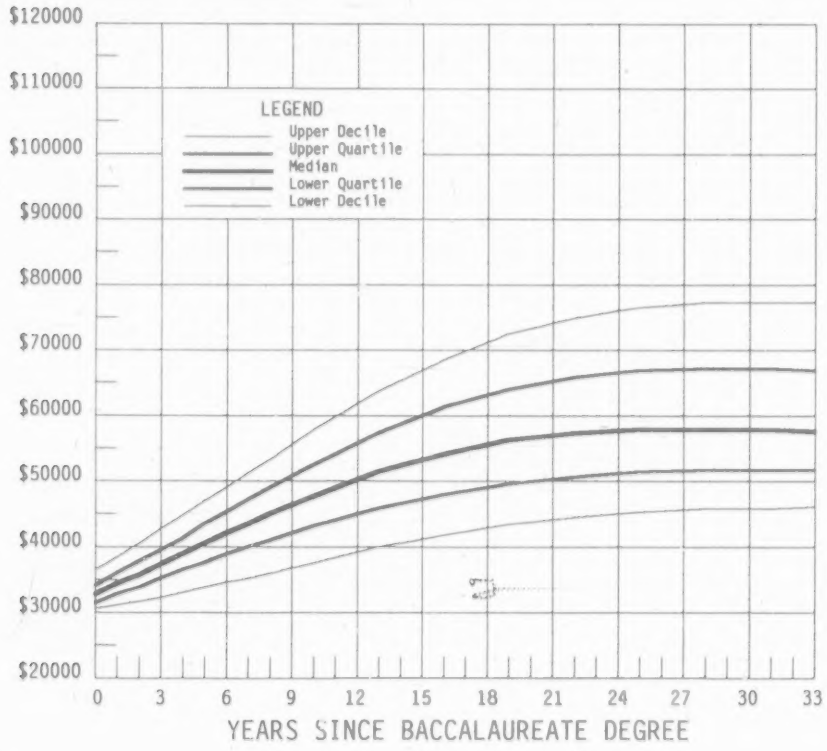
SALARY CURVES FOR ENGINEERS IN OTHER NONDURABLE GOODS MANUFACTURING SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: OTHER NONDURABLE GOODS MANUFACTURING, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	53400	55800	58250	60800	63450	68900	77550	86600	95850	105000	113750	121800	128800	140650	95300
Upper Quartile	0	0	0	0	49200	51050	52900	54800	56750	60750	67100	73600	80250	86850	93150	99050	104250	113200	78100
Median	0	0	0	0	45700	47150	48600	50050	51600	54650	59450	64350	69300	74150	78800	83100	86900	93450	64750
Lower Quartile	0	0	0	0	41300	42500	43750	45000	46300	48800	52650	56450	60150	63600	66800	69650	72050	76050	51200
Lower Decile	0	0	0	0	36400	37750	39150	40500	41850	44400	47800	50700	52900	54500	55500	56100	56350	56400	40900
Mean	0	0	0	0	45300	47000	48750	50550	52400	56100	61750	67400	72950	78150	82950	87150	90650	96400	68100
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	56000	49600	0	59400	59600	73400	83000	84150	98000	99500	120000	103350	103350	147500	95300
Upper Quartile	0	0	0	0	49500	47500	0	52750	55250	62350	72400	75600	77500	88100	79600	90850	92500	115600	78100
Median	0	0	0	0	47000	44750	0	49600	52250	53500	63000	67000	68000	74500	73700	73350	80000	90000	64750
Lower Quartile	0	0	0	0	39500	42100	0	47200	48750	47150	54500	59650	57000	62000	66000	67500	66000	70000	51200
Lower Decile	0	0	0	0	38000	34800	0	41900	47100	42950	48800	54100	45200	56150	54400	52400	54600	48200	40900
Mean	0	0	0	0	45200	44050	0	50900	53400	56550	64300	68900	71150	78600	79550	78200	79700	93900	68100
Supporting Data																			
Total Number	4	5	4	6	10	14	8	13	11	53	42	62	34	42	34	26	26	44	445
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	2	3	3	0	0	8	17
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SALARY CURVES FOR ENGINEERS IN OTHER NONDURABLE GOODS MANUFACTURING NON-SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: OTHER NONDURABLE GOODS MANUFACTURING, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	36450	38450	40500	42600	44750	46900	49100	51300	53450	57750	63650	68600	72450	75050	76600	77300	77450	76900	63200
Upper Quartile	34150	35900	37750	39600	41450	43350	45250	47100	48950	52500	57300	61200	64100	65950	66950	67300	67200	66450	53850
Median	32750	34300	35850	37400	39000	40550	42100	43600	45050	47800	51400	54200	56200	57350	57900	58000	57800	57050	45250
Lower Quartile	31500	32750	34000	35200	36450	37650	38850	40000	41100	43200	45900	48100	49700	50750	51400	51700	51750	51600	37400
Lower Decile	30650	31150	31750	32400	33050	33800	34550	35300	36100	37650	39900	41800	43350	44500	45250	45750	46000	46150	33300
Mean	32850	34350	35900	37450	38950	40500	42050	43550	45000	47800	51600	54650	56950	58550	59450	59950	60050	59800	47000
Raw (Unsmoothed) Statistics																			
Upper Decile	35950	38500	39250	44600	44700	48000	48650	51850	52000	59100	64150	59900	74600	77200	84500	71050	74400	82000	63200
Upper Quartile	34050	35500	37200	40150	40550	44150	45300	49250	48300	53900	58000	55900	61600	66000	70350	64850	63250	72650	53850
Median	33250	33850	35200	37850	38200	40800	41500	45650	44000	49150	51400	52150	54950	54650	61200	56250	58500	59000	45250
Lower Quartile	32500	32550	32700	35900	36000	37550	38300	41050	39800	43850	46150	47250	49100	50750	54700	50300	52250	51800	37400
Lower Decile	32000	31400	28800	34000	32950	33300	34750	34950	34650	39050	41550	39200	43700	46400	49100	42700	46700	44400	33300
Mean	33550	34500	34500	37700	38300	40800	41550	44300	44050	49150	52200	51800	56650	58350	63350	56850	58800	62300	47000
Supporting Data																			
Total Number	63	72	62	50	84	93	71	69	40	145	98	62	67	44	41	47	48	68	1223
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: OTHER NONDURABLE GOODS MANUFACTURING, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	36350	38350	40450	42600	44850	47200	49550	52000	54500	59600	67350	74900	81850	87900	92850	96650	99400	102950	73150
Upper Quartile	34150	35900	37750	39650	41600	43550	45550	47600	49600	53700	59600	65000	69600	73350	76150	78100	79350	80650	57600
Median	33000	34500	36000	37500	39050	40600	42150	43650	45200	48150	52300	55950	58950	61250	62950	64100	64850	65550	47100
Lower Quartile	31500	32700	33950	35200	36400	37650	38850	40050	41250	43500	46550	49200	51300	52900	54100	54850	55350	55850	38150
Lower Decile	30400	30850	31350	31950	32600	33350	34100	34900	35750	37450	40050	42400	44400	45950	47050	47750	48150	48400	33450
Mean	32850	34300	35850	37400	38950	40550	42150	43800	45400	48600	53300	57600	61400	64600	67150	69150	70550	72400	50800
Raw (Unsmoothed) Statistics																			
Upper Decile	35500	37900	38850	44200	46150	48550	49100	52450	55600	60650	67750	77850	71550	91850	79900	84500	90000	119650	73150
Upper Quartile	34000	35450	36750	40200	41000	44800	45450	49750	51050	53450	60750	65000	63600	75900	74150	69800	74000	85400	57600
Median	33250	33800	34850	38250	38500	41450	41100	46250	46700	48650	52450	55900	55350	59700	64400	60650	60550	67350	47100
Lower Quartile	32500	32500	32250	36150	36000	37700	37700	41100	41450	44100	47000	50550	48700	52350	55400	52400	53400	54900	38150
Lower Decile	32000	31250	28650	31400	32500	33550	33400	34800	37000	38050	40700	43550	43000	46900	50100	43100	47750	45500	33450
Mean	33350	34100	34150	37650	38850	41150	41400	44700	46750	49300	53850	58050	56650	67650	66150	63150	64500	75550	50800
Supporting Data																			
Total Number	64	72	60	47	80	99	71	70	45	152	104	97	67	69	51	51	60	95	1359
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	8	12
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: OTHER NONDURABLE GOODS MANUFACTURING, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	54200	56100	58050	60150	62250	66800	74250	82500	91500	101200	111350	121600	131500	150750	93650
Upper Quartile	0	0	0	0	49500	50800	52150	53600	55050	58250	63650	69800	76700	84300	92500	101000	109450	126500	76650
Median	0	0	0	0	45550	46500	47500	48550	49650	52050	56100	60700	65850	71500	77500	83700	89750	101750	61700
Lower Quartile	0	0	0	0	41500	42300	43200	44100	45050	47000	50250	53750	57550	61500	65500	69450	73150	80050	48150
Lower Decile	0	0	0	0	36800	36950	37350	37900	38550	40200	43150	46200	49100	51500	53250	54450	55100	55600	39350
Mean	0	0	0	0	45250	46400	47650	48900	50200	53000	57550	62650	68250	74300	80600	86950	93050	104950	65750
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	56000	49600	0	57600	0	73000	82000	82500	77600	125000	91250	103750	99500	150600	93650
Upper Quartile	0	0	0	0	49500	47500	0	52000	0	60500	69000	71800	71000	90850	77400	91250	91250	117700	76650
Median	0	0	0	0	47000	44750	0	49250	0	49700	60000	63750	66000	74400	72400	71350	74650	90500	61700
Lower Quartile	0	0	0	0	39500	42100	0	47000	0	45200	53300	57500	54500	58800	64350	66250	64650	67500	48150
Lower Decile	0	0	0	0	38000	34800	0	41600	0	39500	40400	53300	41600	47000	53750	62800	54200	43900	39350
Mean	0	0	0	0	45200	44050	0	48950	0	53500	60900	65500	62650	79600	72800	77900	77150	94200	65750
Supporting Data																			
Total Number	4	4	4	6	10	14	7	12	9	35	26	45	22	30	25	17	22	39	342
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	8	12
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

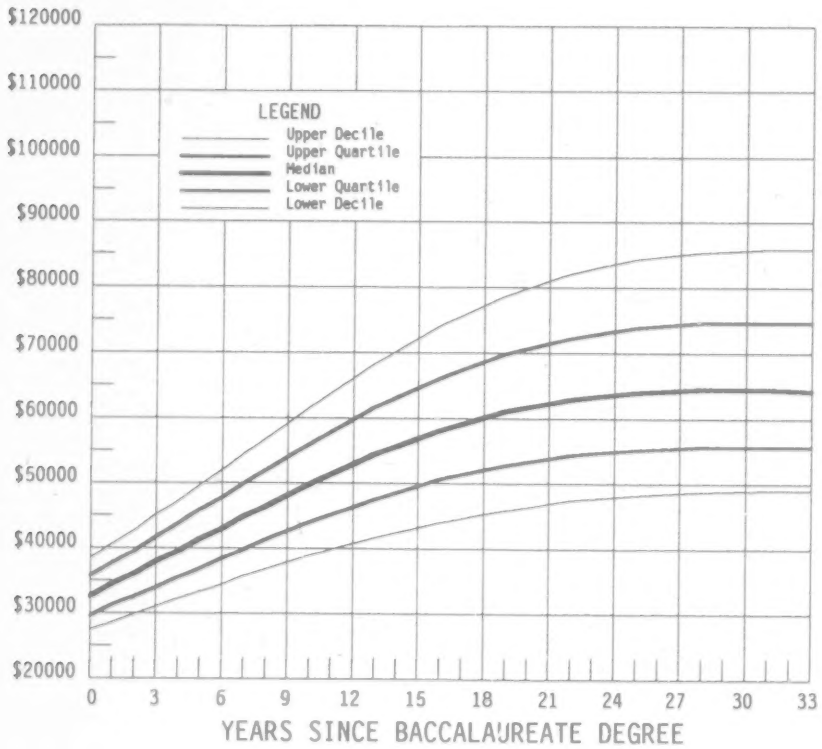
1990 ENGINEERING SALARY STATISTICS: OTHER NONDURABLE GOODS MANUFACTURING, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	35800	37850	39950	42150	44300	46550	48750	51000	53150	57400	63000	67450	70550	72300	72950	72850	72300	70650	61000
Upper Quartile	33900	35700	37550	39400	41300	43200	45050	46900	48700	52150	56650	60150	62500	63750	64200	64100	63650	62300	52550
Median	32550	34100	35700	37250	38850	40400	41950	43450	44850	47550	50900	53350	54850	55600	55700	55450	54950	53750	43950
Lower Quartile	31200	32500	33800	35100	36350	37600	38800	40000	41100	43200	45850	47800	49100	49800	50100	50050	49850	49200	36450
Lower Decile	30500	30750	31150	31700	32300	33000	33750	34550	35350	36950	39200	41100	42550	43550	44150	44450	44600	44700	32900
Mean	32400	34000	35550	37100	38700	40250	41800	43300	44800	47550	51100	53850	55700	56750	57200	57200	56900	56050	45700
Raw (Unsmoothed) Statistics																			
Upper Decile	35400	37450	39000	44550	44350	48000	48150	51850	52500	57700	64250	61800	65200	76600	77200	70000	74200	80650	61000
Upper Quartile	33900	35250	36850	40250	40600	44050	45150	49000	48800	52850	57150	55800	59450	62350	66500	64250	62850	72800	52550
Median	33150	33700	34950	37900	38150	40900	41350	44650	44300	48500	50450	52100	53500	54150	58350	55700	56850	59450	43950
Lower Quartile	32450	32500	32350	35750	35800	37450	38150	39950	40800	44000	45600	47450	48900	50850	53550	50450	50550	53000	36450
Lower Decile	32000	31300	28450	30200	32150	33350	34200	34350	35650	38200	41250	38100	43400	46700	49100	41500	45350	44950	32900
Mean	33250	34000	34200	37450	38000	40800	41200	43700	44700	48300	51650	51800	54500	57700	60400	56200	57650	62200	45700
Supporting Data																			
Total Number	60	68	57	41	72	87	63	57	35	116	77	51	44	37	27	35	39	56	1016
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: OTHER NONDURABLE GOODS MANUFACTURING, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	46250	49400	52700	56050	59550	66600	76800	85650	92200	96000	97450	97100	95850	92100	78000
Upper Quartile	0	0	0	0	41600	44300	47100	49900	52750	58350	65950	71750	75350	76700	76350	75000	73200	69350	67050
Median	0	0	0	0	40300	42450	44600	46750	48850	52900	58200	62250	64800	66000	66100	65550	64650	62450	55250
Lower Quartile	0	0	0	0	37450	39400	41350	43200	45050	48400	52500	55150	56300	56250	55400	54150	52800	50200	44750
Lower Decile	0	0	0	0	34950	36450	37850	39250	40550	42850	45550	47250	47950	47850	47300	46450	45550	43800	38300
Mean	0	0	0	0	40450	42850	45300	47700	50150	54800	61000	65650	68450	69550	69300	68250	66900	63900	58350
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	46100	0	0	54800	0	69200	72150	88000	96000	86750	118750	81500	0	107500	78000
Upper Quartile	0	0	0	0	40250	0	0	51500	0	59900	65500	72000	70000	75000	86250	73750	0	75000	67050
Median	0	0	0	0	38300	0	0	48500	0	55350	57450	62000	60000	65000	70000	67000	0	68000	55250
Lower Quartile	0	0	0	0	36150	0	0	44750	0	50200	52450	52000	52000	60350	61500	56500	0	51500	44750
Lower Decile	0	0	0	0	34850	0	0	41600	0	42000	45350	46100	46400	47900	54500	49100	0	43100	38300
Mean	0	0	0	0	39250	0	0	49450	0	56650	58200	66250	66650	65400	78950	66950	0	68350	58350
Supporting Data																			
Total Number	1	4	5	8	13	6	7	14	7	37	29	24	28	13	15	17	9	14	250
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	2	0	1	0	0	0	3
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

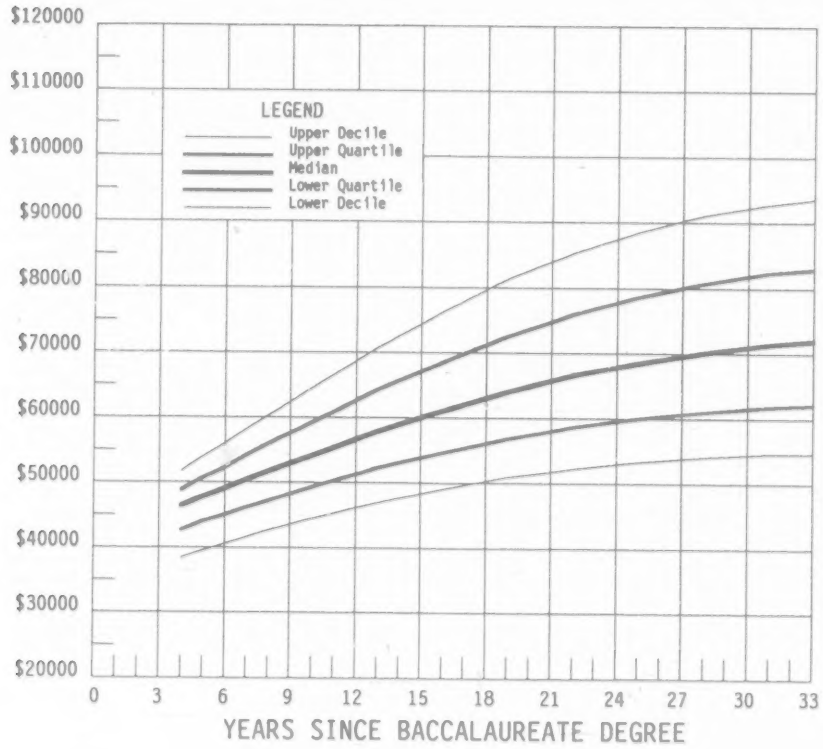
SALARY CURVES FOR ENGINEERS IN ALL NON-MANUFACTURING INDUSTRIES
ALL ENGINEERS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: ALL NON-MANUFACTURING INDUSTRIES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	38350	40500	42650	44950	47250	49600	52000	54400	56800	61550	68250	74050	78700	82050	84200	85400	85850	85650	74500
Upper Quartile	35750	37650	39600	41600	43650	45750	47800	49900	51950	56000	61550	66250	69900	72400	73900	74600	74800	74350	63100
Median	32600	34300	36000	37750	39500	41250	43000	44800	46500	49850	54400	58150	61000	62900	63950	64450	64500	64000	53100
Lower Quartile	29650	31100	32500	34000	35450	36900	38350	39800	41200	43900	47550	50550	52800	54350	55300	55700	55850	55550	43400
Lower Decile	27500	28650	29800	31000	32150	33300	34500	35600	36700	38850	41700	44100	46000	47350	48250	48800	49050	49200	35600
Mean	32900	34550	36250	38000	39750	41500	43250	45050	46750	50150	54850	58800	61900	64100	65500	66250	66600	66500	54450
Raw (Unsmoothed) Statistics																			
Upper Decile	35400	38950	43000	45650	48350	51350	52700	55850	58750	62700	66900	71650	76200	80050	84400	85900	87450	88150	74500
Upper Quartile	33300	35200	39600	42700	44900	47600	48950	52000	53650	57100	60350	63700	67000	70900	74150	75300	75950	76800	63100
Median	31350	32950	35550	38300	39950	41850	43450	46300	47650	51050	54000	56650	58900	61400	63550	64550	65250	66000	53100
Lower Quartile	29300	30500	32250	33900	35600	36950	38450	40700	41850	44750	47450	49600	51600	53450	55650	55850	56050	56400	43400
Lower Decile	27400	28100	29700	30850	32350	33450	34200	36500	37100	39250	41750	43550	44950	46650	49100	49100	49200	49400	35600
Mean	31550	33250	36150	38500	40250	42250	43600	46350	47850	51150	54300	57300	59950	62700	65800	66600	67350	68000	54450
Supporting Data																			
Total Number	1082	1574	1719	2055	2370	2280	2281	2593	2439	7436	6138	5957	5302	4343	4123	3360	2815	4912	62788
$125,000 or More	0	0	0	0	0	0	0	0	0	2	2	4	9	8	14	15	13	38	105
Less Than $22000	7	3	4	4	4	2	1	2	3	0	0	1	0	0	0	0	0	0	33

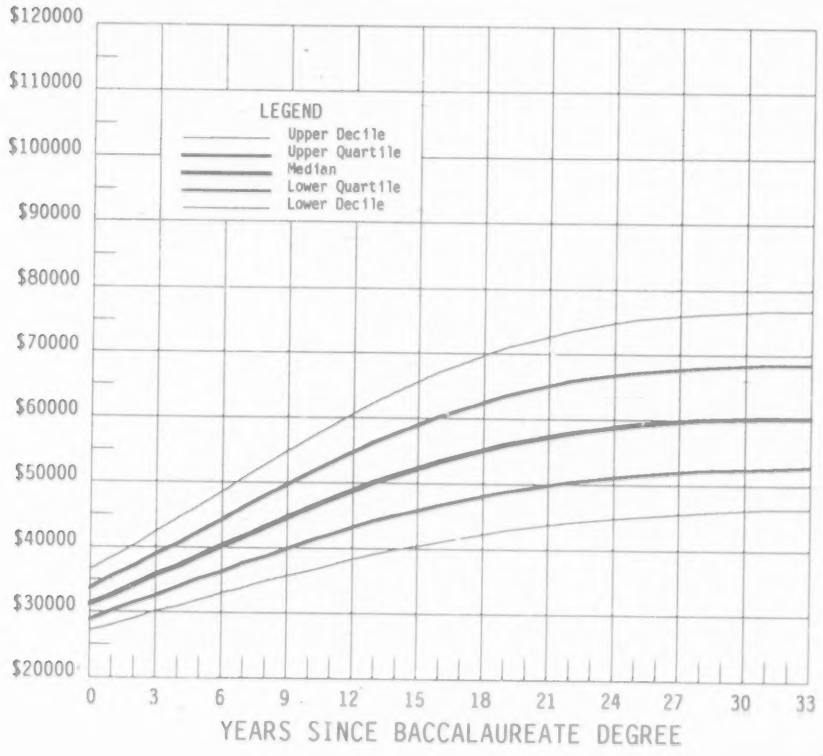
SALARY CURVES FOR ENGINEERS IN ALL NON-MANUFACTURING INDUSTRIES SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: ALL NON-MANUFACTURING INDUSTRIES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	0	0	0	0	51750	53850	56000	58150	60250	64500	70650	76300	81200	85350	88650	91100	92900	95200	80250
Upper Quartile	0	0	0	0	48900	50650	52400	54150	55900	59300	64200	68650	72600	75950	78650	80750	82350	84500	69000
Median	0	0	0	0	46350	47700	49050	50350	51700	54250	57850	61150	64050	66550	68600	70250	71550	73400	58500
Lower Quartile	0	0	0	0	42800	43950	45050	46150	47250	49300	52200	54700	56850	58600	60000	61050	61850	62950	50150
Lower Decile	0	0	0	0	38500	39550	40550	41550	42550	44400	46950	49100	50850	52250	53300	54100	54600	55250	42900
Mean	0	0	0	0	45800	47300	48750	50200	51600	54450	58450	62100	65300	68050	70350	72150	73500	75450	60650
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	0	0	0	0	49950	53600	55050	58800	61950	66150	70350	75250	79700	84200	89300	91350	94700	95600	80250
Upper Quartile	0	0	0	0	47750	50100	51750	54900	57400	60350	63650	67900	71550	76100	79050	81050	83450	84300	69000
Median	0	0	0	0	45000	47650	48250	51200	52500	55200	57600	60800	62700	66550	69200	70100	71650	73850	58500
Lower Quartile	0	0	0	0	41800	44100	44200	46600	47400	50250	52100	54600	55800	58200	60450	60550	62250	63400	50150
Lower Decile	0	0	0	0	38300	39600	40050	41950	42000	44800	47150	49050	50050	51800	54550	53650	54600	55250	42900
Mean	0	0	0	0	44800	47200	47900	50700	52350	55400	58250	61700	64150	67800	71050	71950	74250	75550	60650
---------- Supporting Data ----------																			
Total Number	140	425	483	735	846	842	832	1147	1058	3554	3124	3042	2863	2273	2158	1680	1273	2049	28528
$125,000 or More	0	0	0	0	0	0	0	0	0	0	2	2	9	8	14	13	13	33	95
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SALARY CURVES FOR ENGINEERS IN ALL NON-MANUFACTURING INDUSTRIES NON-SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: ALL NON-MANUFACTURING INDUSTRIES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	36500	38450	40400	42400	44450	46500	48550	50650	52700	56750	62350	67150	70950	73650	75400	76350	76750	76650	66900
Upper Quartile	33650	35350	37100	38850	40650	42500	44300	46100	47900	51400	56250	60350	63550	65850	67300	68100	68450	68350	57650
Median	31150	32650	34100	35600	37150	38650	40200	41700	43150	46050	50000	53350	55950	57850	59150	59900	60250	60350	48000
Lower Quartile	28900	30150	31350	32600	33850	35100	36350	37550	38750	41000	44150	46800	48900	50450	51550	52250	52650	52950	39000
Lower Decile	27100	28050	29050	30050	31050	32000	33000	33950	34850	36650	39100	41150	42850	44200	45150	45850	46300	46800	32950
Mean	31550	33000	34500	36000	37500	39050	40550	42050	43550	46450	50450	53850	56550	58600	59950	60750	61200	61450	49300
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	35050	36800	40800	42900	45100	47600	50400	51900	53900	57600	61550	64900	68200	71300	75550	77350	76950	79050	66900
Upper Quartile	32950	34100	37150	39150	40800	43000	45400	47100	49150	52450	55750	58750	61600	63750	66700	68250	69250	70300	57650
Median	30950	31900	34000	35300	37250	38800	40700	42500	44500	47000	49700	52050	54450	56600	58700	60200	60850	61500	48000
Lower Quartile	29000	29600	31200	32300	33900	35200	36500	38400	39250	41600	44150	46100	47750	49400	51650	52800	53000	53400	39000
Lower Decile	27050	27350	28950	30000	31300	32300	32900	34800	35400	37050	38850	40750	41900	42850	46000	46100	46800	47100	32950
Mean	31050	32200	34500	35950	37700	39400	41150	42900	44400	47200	50150	52750	55050	57100	60000	61200	61600	62550	49300
---------- Supporting Data ----------																			
Total Number	940	1150	1237	1319	1524	1437	1449	1446	1380	3884	3016	2916	2439	2071	1966	1682	1541	2856	34259
$125,000 or More	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	1	0	5	10
Less Than $22000	7	3	4	4	4	2	1	2	3	0	0	1	0	0	0	0	0	0	33

1990 ENGINEERING SALARY STATISTICS: ALL NON-MANUFACTURING INDUSTRIES, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	36250	38200	40250	42350	44500	46650	48850	51100	53300	57700	63950	69500	73950	77300	79500	80850	81500	81700	68800
Upper Quartile	33850	35550	37300	39050	40850	42650	44500	46300	48150	51700	56650	61000	64500	67150	68950	70050	70650	71000	58050
Median	31600	33050	34500	35950	37400	38900	40350	41800	43250	46050	49950	53250	55950	58000	59450	60400	60950	61350	47700
Lower Quartile	29300	30500	31650	32850	34050	35250	36450	37600	38750	41000	44000	46600	48700	50350	51500	52300	52800	53300	38600
Lower Decile	27350	28300	29250	30200	31150	32100	33050	33950	34850	36550	38900	40900	42600	43950	44950	45700	46200	46800	32900
Mean	31800	33250	34700	36200	37750	39250	40800	42300	43800	46750	50850	54450	57400	59650	61300	62400	63050	63700	49750
Raw (Unsmoothed) Statistics																			
Upper Decile	34800	37000	41450	43500	45100	47250	49400	51600	53900	58500	63250	68650	72050	75600	77200	79750	83550	84050	68800
Upper Quartile	33100	34800	37600	39900	40850	42900	44550	47350	48850	52400	56700	60300	63150	64950	67550	69000	71100	73350	58050
Median	31200	32700	34600	35950	37500	38850	40150	42650	44150	46750	49950	52600	55100	56300	58850	60000	61600	62500	47700
Lower Quartile	29200	30300	31650	32650	34150	35200	36200	38400	39050	41500	44050	46200	48000	49300	51700	52150	53300	53650	38600
Lower Decile	27300	28000	29250	30050	31300	32200	32650	34700	35450	36950	38800	40500	42100	42850	45200	45700	46650	47100	32900
Mean	31200	32750	35050	36550	37900	39350	40650	42950	44350	47400	50750	53900	56350	58200	60650	61800	63950	64800	49750
Supporting Data																			
Total Number	1029	1431	1340	1341	1489	1324	1279	1414	1341	3709	2943	2882	2568	1942	1739	1522	1510	2820	33632
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	1	3	6	4	10	23	50
Less Than $22000	7	3	4	4	4	2	1	2	3	0	0	1	0	0	0	0	0	0	33

1990 ENGINEERING SALARY STATISTICS: ALL NON-MANUFACTURING INDUSTRIES, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	50550	52450	54400	56400	58350	62250	67950	73300	78100	82250	85700	88450	90550	93550	78100
Upper Quartile	0	0	0	0	46650	48350	50050	51750	53450	56800	61600	65950	69750	72950	75550	77550	79000	81000	66850
Median	0	0	0	0	42500	43900	45300	46700	48100	50850	54700	58150	61150	63650	65650	67200	68350	69900	55900
Lower Quartile	0	0	0	0	38350	39500	40700	41800	42950	45150	48200	50950	53350	55350	56950	58200	59100	60400	46100
Lower Decile	0	0	0	0	35550	36250	37000	37750	38550	40150	42650	45050	47250	49100	50550	51600	52250	52900	38600
Mean	0	0	0	0	42800	44200	45650	47050	48500	51250	55250	58950	62250	65050	67400	69250	70700	72750	57900
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	49700	52700	53900	55150	59300	63600	67600	73900	76500	82650	83750	87200	93800	93100	78100
Upper Quartile	0	0	0	0	45800	48350	49650	51450	53600	57750	61750	66750	68400	72900	73700	76000	80950	81250	66850
Median	0	0	0	0	41550	43950	44850	47100	47650	51500	55100	58950	60400	62650	65000	65750	67450	71150	55900
Lower Quartile	0	0	0	0	38100	39350	40200	42350	42300	45350	48800	51500	52750	54400	56850	57050	59500	60600	46100
Lower Decile	0	0	0	0	35600	36250	36500	38050	38250	40300	42950	45050	46900	48100	51600	51000	52250	52900	38600
Mean	0	0	0	0	42200	44250	45200	46950	48450	51850	55500	59550	61400	64450	66800	67850	71750	72950	57900
Supporting Data																			
Total Number	125	381	322	301	298	270	290	387	388	1196	1105	1198	1148	846	792	679	646	1130	11512
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	1	3	6	4	10	21	47
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: ALL NON-MANUFACTURING INDUSTRIES, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	35150	36900	38700	40550	42400	44250	46100	48000	49850	53450	58450	62700	66100	68550	70200	71150	71550	71650	61500
Upper Quartile	33000	34550	36150	37750	39350	41000	42600	44200	45800	48900	53100	56700	59550	61650	63050	63900	64300	64500	52750
Median	30900	32250	33600	35000	36350	37700	39050	40400	41700	44250	47650	50550	52800	54450	55550	56200	56550	56750	44050
Lower Quartile	28800	29950	31050	32150	33250	34350	35450	36550	37550	39550	42300	44600	46450	47850	48850	49500	49900	50300	36200
Lower Decile	26950	27850	28750	29650	30550	31400	32300	33100	33950	35500	37600	39400	40850	42000	42850	43450	43850	44350	31500
Mean	31050	32400	33750	35100	36500	37850	39250	40600	41900	44450	47950	50950	53300	55100	56350	57100	57550	57900	45500
Raw (Unsmoothed) Statistics																			
Upper Decile	34750	35750	38650	40750	42950	45000	46650	49150	50900	54450	58550	60600	63950	65600	68000	70850	72300	74650	61500
Upper Quartile	32800	33750	35900	37750	39800	41150	43000	45500	46900	49750	52950	55050	58250	59450	61350	63650	65000	66550	52750
Median	30850	31650	33450	34650	36650	37950	39150	41250	42850	45150	47500	49250	51600	52750	54700	55850	57150	58150	44050
Lower Quartile	28950	29400	30850	31800	33500	34550	35350	37600	38150	40200	42150	43850	45200	46800	48600	49300	50600	51000	36200
Lower Decile	27000	27250	28700	29400	30850	31700	32200	34150	34400	36000	37250	38900	40000	40450	43450	43100	44900	44750	31500
Mean	30900	31750	33600	35000	36800	38150	39300	41450	42650	45250	47850	49850	52200	53200	55500	56850	58050	59300	45500
Supporting Data																			
Total Number	905	1049	1018	1038	1193	1056	988	1027	952	2512	1837	1684	1421	1090	948	842	863	1690	22120
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
Less Than $22000	7	3	4	4	4	2	1	2	3	0	0	1	0	0	0	0	0	0	33

1990 ENGINEERING SALARY STATISTICS: ALL NON-MANUFACTURING INDUSTRIES, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	45700	47800	49900	52100	54250	56450	58650	62950	69050	74500	79100	82700	85400	87200	88350	89500	75600
Upper Quartile	0	0	44150	45850	47550	49250	50950	52650	54300	57550	62150	66250	69700	72500	74700	76300	77450	78850	64500
Median	0	0	42200	43550	44900	46250	47600	48900	50200	52650	56050	59000	61500	63500	65050	66150	67000	68000	55250
Lower Quartile	0	0	39000	40150	41300	42450	43550	44650	45700	47700	50400	52750	54650	56100	57250	58050	58600	59250	47900
Lower Decile	0	0	34100	35300	36450	37500	38700	39800	40850	42850	45450	47600	49250	50450	51200	51700	51900	52000	42100
Mean	0	0	41200	42700	44200	45650	47150	48600	50050	52900	56750	60200	63050	65350	67100	68350	69250	70300	57450
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	45150	46450	49550	52500	53400	57500	60000	65050	68200	71950	78200	81050	87400	87500	88900	89400	75600
Upper Quartile	0	0	42700	44600	47200	49600	51000	54150	55950	58900	61450	63950	68850	72150	75550	76100	78050	79050	64500
Median	0	0	40050	42500	44750	46950	47350	50500	51450	53800	55150	57800	60500	63250	64950	65950	67550	68450	55250
Lower Quartile	0	0	37350	39800	41500	42350	43150	45250	46800	48800	49900	51700	53900	56050	57300	57700	58800	59450	47900
Lower Decile	0	0	32550	34800	36050	37150	39100	40950	41950	43950	44950	46950	48250	49150	51400	51850	52050	52650	42100
Mean	0	0	39700	41900	44000	45900	46850	49700	51350	54100	56100	58800	62150	64700	67700	68400	69400	70500	57450
Supporting Data																			
Total Number	40	139	373	704	858	903	905	1018	911	2951	2296	2089	1873	1582	1472	1186	846	1411	21575
$125,000 or More	0	0	0	0	0	0	0	0	0	0	2	3	7	2	6	8	3	13	43
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: ALL NON-MANUFACTURING INDUSTRIES, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	51200	53450	55750	58050	60350	64900	71500	77400	82500	86600	89650	91850	93250	94800	78850
Upper Quartile	0	0	0	0	49150	50900	52700	54500	56250	59750	64750	69350	73350	76750	79500	81650	83200	85400	67500
Median	0	0	0	0	47250	48500	49750	51000	52200	54650	58150	61500	64500	67200	69550	71550	73150	75650	57200
Lower Quartile	0	0	0	0	45000	45950	46900	47800	48700	50450	52950	55250	57300	59100	60650	61950	63000	64600	50200
Lower Decile	0	0	0	0	42350	43150	43950	44700	45450	46900	48900	50650	52200	53500	54600	55500	56150	57200	44950
Mean	0	0	0	0	47100	48500	49900	51300	52700	55450	59350	62950	66150	68950	71300	73250	74750	77000	60200
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	49800	52950	54300	58800	62150	67100	71150	74750	80950	84200	91650	93400	93800	95900	78850
Upper Quartile	0	0	0	0	48150	50300	51850	55200	57900	61100	64150	67350	72700	76750	80000	81850	84500	85500	67500
Median	0	0	0	0	45850	48250	49050	52250	53600	55650	57400	60200	63350	68150	70250	71250	74450	75400	57200
Lower Quartile	0	0	0	0	43800	45800	46000	48700	49600	51500	52600	54500	56200	59100	60600	61450	64550	65150	50200
Lower Decile	0	0	0	0	41700	43100	43000	45100	46500	47750	48250	50250	51500	53400	55800	54450	56850	57250	44950
Mean	0	0	0	0	46050	48250	48950	52100	53850	56700	58750	61550	65250	68750	72150	73300	75800	77050	60200
Supporting Data																			
Total Number	12	41	156	427	536	550	506	679	562	1928	1422	1187	1144	883	799	602	400	595	12432
$125,000 or More	0	0	0	0	0	0	0	0	0	0	2	0	7	2	6	7	3	10	37
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: ALL NON-MANUFACTURING INDUSTRIES, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	45400	46950	48500	50050	51650	53200	54750	57800	62200	66300	70050	73300	76000	78250	80050	82650	69800
Upper Quartile	0	0	42650	44050	45400	46800	48150	49500	50850	53500	57200	60600	63600	66150	68250	69950	71250	73100	61050
Median	0	0	38750	40000	41250	42500	43750	44950	46150	48500	51750	54700	57200	59300	61000	62300	63250	64600	52500
Lower Quartile	0	0	34300	35500	36650	37850	39000	40200	41300	43500	46500	49150	51300	53050	54350	55250	55900	56700	44700
Lower Decile	0	0	31500	32500	33500	34500	35500	36450	37400	39250	41750	43950	45800	47350	48500	49350	50000	50800	38600
Mean	0	0	38550	39850	41150	42400	43700	44950	46200	48600	52050	55150	57850	60150	62000	63450	64550	66050	53750
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	45100	45750	47750	51200	52250	52950	55800	58550	62050	65400	69450	72200	77200	78750	78200	81900	69800
Upper Quartile	0	0	42450	43100	45100	46550	48600	49700	52100	54400	56800	60200	62900	65300	68200	70450	70400	72450	61050
Median	0	0	39000	39350	40950	42050	44200	44550	47150	49250	51500	54350	56800	59400	60600	61950	62750	64000	52500
Lower Quartile	0	0	34050	34750	35900	37350	39900	40750	42600	44350	46200	48600	50600	52500	53950	55400	55250	56550	44700
Lower Decile	0	0	31100	32050	33000	34600	36000	37600	38200	39350	41850	44050	45500	45800	48900	49550	49200	50550	38600
Mean	0	0	38400	39200	40650	42350	44250	44900	47250	49250	51750	54950	57250	59500	62350	63400	63600	65550	53750
Supporting Data																			
Total Number	28	96	217	275	321	354	401	340	350	1023	871	899	729	698	673	585	445	818	9141
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	2	6
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: ALL NON-MANUFACTURING INDUSTRIES, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	58650	59750	61000	62300	65200	70000	75100	80100	84700	88600	91600	93750	95800	83650
Upper Quartile	0	0	0	0	0	57100	57700	58400	59250	61250	64900	68900	72950	76700	79900	82400	84150	85900	74100
Median	0	0	0	0	0	54050	54550	55150	55800	57300	59850	62700	65550	68250	70700	72700	74200	76000	63950
Lower Quartile	0	0	0	0	0	50650	51300	51950	52600	53900	55850	57750	59600	61350	62950	64400	65600	67650	57850
Lower Decile	0	0	0	0	0	47600	48250	48900	49550	50750	52450	54000	55400	56600	57650	58550	59250	60350	53450
Mean	0	0	0	0	0	53150	54000	54850	55750	57700	60800	63950	67000	69850	72350	74350	75850	77650	66900
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	59100	59350	61500	63400	64000	70850	76050	79400	83750	88150	91150	93850	94400	83650
Upper Quartile	0	0	0	0	0	56750	57250	58500	59450	61400	64750	69000	72700	76750	80150	82450	82050	84500	74100
Median	0	0	0	0	0	52700	53500	55100	56200	57700	60100	62750	64150	68300	71400	73450	72700	74150	63950
Lower Quartile	0	0	0	0	0	50700	49600	51900	52750	53950	56250	58100	59000	61050	63050	64300	65150	66100	57850
Lower Decile	0	0	0	0	0	47750	47250	48700	49500	50600	53050	54400	54950	56500	57350	58400	58800	59150	53450
Mean	0	0	0	0	0	52900	52900	54950	56150	57650	61200	64250	66100	69450	72600	74550	74750	76250	66900
Supporting Data																			
Total Number	9	4	7	8	20	50	94	159	187	774	897	985	858	819	908	651	459	677	7587
$125,000 or More	0	0	0	0	0	0	0	0	0	1	0	0	1	2	2	2	0	2	11
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

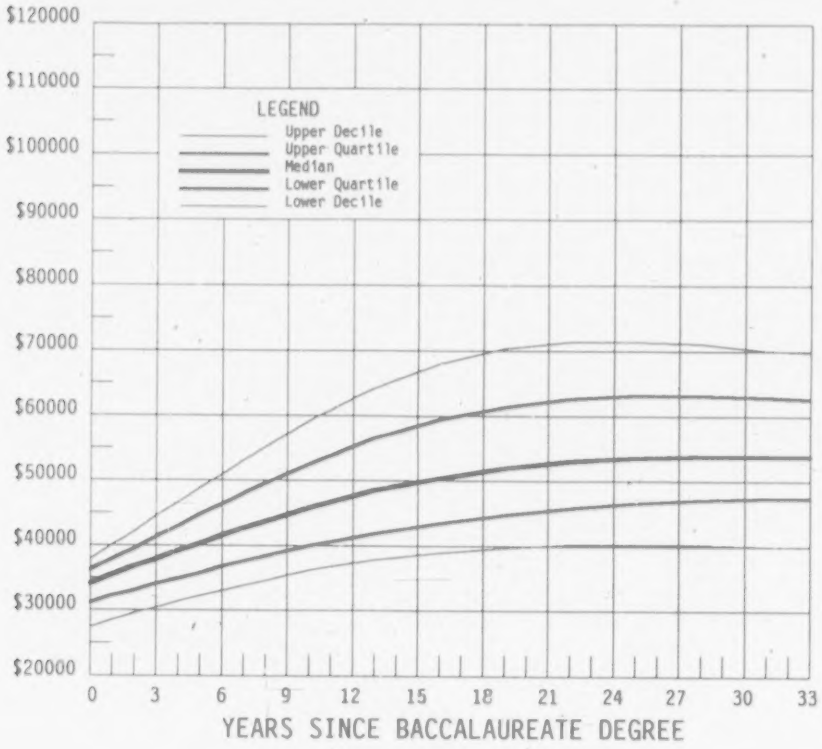
1990 ENGINEERING SALARY STATISTICS: ALL NON-MANUFACTURING INDUSTRIES, SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	59550	61000	62450	63950	67050	71900	76850	81750	86500	90900	94800	97950	102500	86300
Upper Quartile	0	0	0	0	0	57800	58550	59400	60350	62500	66200	70350	74600	78800	82600	85850	88350	91300	76850
Median	0	0	0	0	0	56000	56550	57100	57650	58400	60500	63350	66650	70100	73350	76200	78450	81200	65450
Lower Quartile	0	0	0	0	0	54400	54550	54700	54950	55600	56950	58600	60450	62400	64400	66250	67900	70600	59100
Lower Decile	0	0	0	0	0	51100	51400	51750	52100	52850	54050	55350	56650	57900	59150	60300	61300	63000	55450
Mean	0	0	0	0	0	56200	56650	57200	57850	59350	62050	65150	68400	71650	74650	77350	79450	82300	69000
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	59900	61400	62550	65850	65650	71900	78750	81200	85400	90900	93450	98650	102500	86300
Upper Quartile	0	0	0	0	0	58250	59050	59350	60750	62250	65850	70950	74700	78600	82700	85250	87650	90700	76850
Median	0	0	0	0	0	55500	56950	56750	57750	59000	60850	63300	65100	70050	74650	76800	77450	79750	65450
Lower Quartile	0	0	0	0	0	52700	53500	54100	54800	56150	57000	59000	59500	61900	65400	66100	66850	70150	59100
Lower Decile	0	0	0	0	0	50700	49600	51500	52100	53300	53800	56000	56150	57500	59800	59300	61250	62650	55450
Mean	0	0	0	0	0	55500	55950	56750	58300	59450	62150	65700	67400	71200	75400	77050	78950	81700	69000
Supporting Data																			
Total Number	3	1	5	5	11	22	36	80	108	429	594	652	571	540	568	400	230	326	4586
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2	0	2	10
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: ALL NON-MANUFACTURING INDUSTRIES, NON-SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	58400	58700	59350	60250	62650	67100	71850	76200	79750	82300	83950	84850	85450	78450
Upper Quartile	0	0	0	0	0	54650	55150	55900	56800	59000	62850	66800	70300	73050	75050	76250	76950	77400	70350
Median	0	0	0	0	0	52100	52350	52850	53500	55200	58300	61450	64300	66550	68150	69100	69650	70050	62400
Lower Quartile	0	0	0	0	0	49650	49700	50000	50400	51550	53750	56150	58400	60250	61700	62650	63250	63700	55550
Lower Decile	0	0	0	0	0	44000	44800	45650	46450	47950	49950	51700	53200	54400	55350	56100	56600	57400	50800
Mean	0	0	0	0	0	51400	51900	52550	53350	55250	58450	61750	64700	67100	68800	69950	70600	71050	63700
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	57750	57450	60000	60100	63100	68150	70800	74850	79000	81900	83750	84450	86250	78450
Upper Quartile	0	0	0	0	0	53000	54700	56300	56700	59600	63100	66400	69000	72000	74800	76950	75800	78100	70350
Median	0	0	0	0	0	51500	51400	53300	53700	55450	58700	61450	63100	65850	67400	69050	69900	70350	62400
Lower Quartile	0	0	0	0	0	50000	48450	50300	50100	51700	54650	55950	57700	59450	60100	62850	64100	64000	55550
Lower Decile	0	0	0	0	0	40700	45050	47500	45400	47700	51000	51700	53200	53950	54150	57150	56500	56550	50800
Mean	0	0	0	0	0	50800	50950	53150	53100	55500	59300	61350	63600	66150	67900	70700	70700	71200	63700
Supporting Data																			
Total Number	6	3	2	3	9	28	57	80	78	345	303	333	288	280	341	252	231	352	2998
$125,000 or More	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

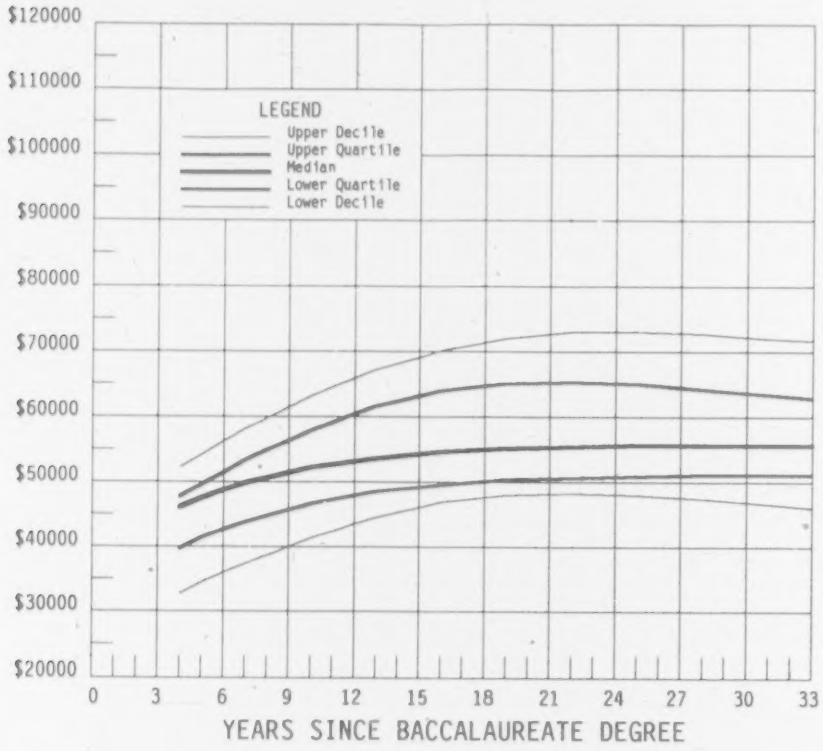
SALARY CURVES FOR ENGINEERS IN COMMUNICATION SERVICES
ALL ENGINEERS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: COMMUNICATION SERVICES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	38000	40100	42250	44400	46600	48800	51000	53150	55250	59200	64300	68050	70450	71500	71600	71100	70250	68250	65350
Upper Quartile	36200	37900	39600	41350	43050	44750	46400	48050	49650	52650	56500	59450	61450	62600	63100	63100	62850	61950	54700
Median	34200	35450	36700	37950	39150	40350	41500	42650	43750	45750	48400	50450	51950	52950	53550	53850	53950	53800	46800
Lower Quartile	31200	32150	33100	34050	34950	35850	36700	37550	38350	39900	41900	43600	44900	45900	46600	47100	47400	47700	39450
Lower Decile	27550	28550	29500	30450	31400	32300	33150	33950	34750	36150	37850	39050	39850	40200	40300	40250	40050	39550	34100
Mean	33600	35000	36400	37800	39150	40550	41850	43150	44400	46750	49800	52200	53900	54950	55550	55750	55700	55300	48200
Raw (Unsmoothed) Statistics																			
Upper Decile	34000	39500	42150	47800	46000	49850	52450	53850	55150	61250	63000	66950	67650	70500	69450	72000	67800	77450	65350
Upper Quartile	33400	36150	40150	43200	42050	47600	47700	49750	49600	53850	55150	56950	61400	59650	62400	65250	66250	65300	54700
Median	32450	33700	37700	39550	38400	42150	41000	43250	45300	46450	47900	48850	50500	52400	54600	55000	58000	54700	46800
Lower Quartile	30600	30900	33100	34950	34500	36100	37400	38000	39350	40400	42300	41900	43700	45250	47750	48950	49300	48850	39450
Lower Decile	28950	27400	30000	29400	30900	32750	32950	34600	35100	36650	37950	38800	39300	39600	39900	40700	40150	41700	34100
Mean	32250	33650	36600	39050	38500	41800	42250	43800	45200	47800	49300	50800	52500	53800	55950	56700	57950	58000	48200
Supporting Data																			
Total Number	52	85	90	97	87	110	122	116	122	334	278	288	256	159	112	110	111	139	2663
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

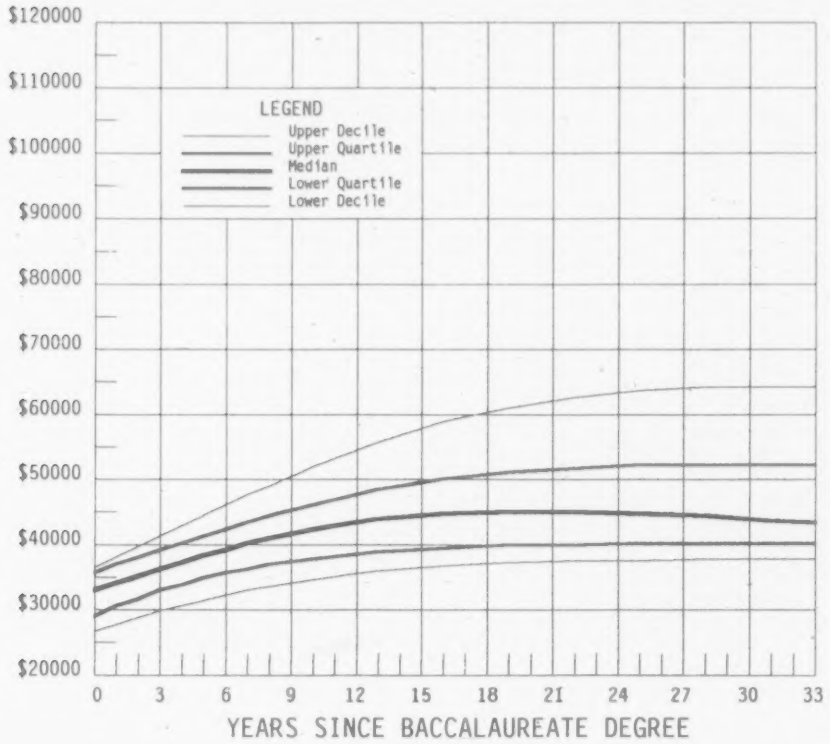
SALARY CURVES FOR ENGINEERS IN COMMUNICATION SERVICES SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: COMMUNICATION SERVICES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	52250	54250	56150	58050	59850	63150	67300	70250	72100	72950	73050	72700	72100	70600	67600
Upper Quartile	0	0	0	0	47750	49600	51450	53200	54900	57900	61550	63950	65200	65450	65050	64250	63350	61400	61650
Median	0	0	0	0	46200	47550	48750	49800	50750	52200	53700	54600	55150	55450	55650	55700	55750	55750	53450
Lower Quartile	0	0	0	0	39850	41300	42650	43850	44900	46650	48450	49650	50350	50750	51000	51100	51200	51200	47950
Lower Decile	0	0	0	0	32850	34350	35900	37350	38750	41400	44650	46850	48050	48350	48050	47350	46550	44850	40550
Mean	0	0	0	0	44300	45800	47200	48550	49850	52200	55050	57000	58150	58650	58600	58300	57800	56700	54550
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	53900	51800	54850	57250	60800	65750	67300	70950	68950	73100	73400	74000	67750	85350	67600
Upper Quartile	0	0	0	0	48650	49550	52250	52850	54650	58200	59900	64750	65050	64450	65100	66200	66550	66200	61650
Median	0	0	0	0	46100	47800	48500	50300	49750	52500	53650	54750	55000	54800	55600	55800	64550	55550	53450
Lower Quartile	0	0	0	0	38750	42500	41400	43800	45950	46700	48300	49500	49800	49950	53850	53800	53000	53050	47950
Lower Decile	0	0	0	0	27400	38250	35400	39050	39400	40300	44350	47350	47350	46700	51300	48700	48200	48550	40550
Mean	0	0	0	0	43900	46300	46800	48500	50300	52600	54400	56950	57050	57800	60850	59950	60450	61100	54550
Supporting Data																			
Total Number	20	18	14	34	17	44	47	51	54	151	138	148	141	99	63	80	84	86	1279
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SALARY CURVES FOR ENGINEERS IN COMMUNICATION SERVICES NON-SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: COMMUNICATION SERVICES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	36550	38100	39700	41350	42950	44500	46100	47650	49150	52000	55800	58850	61150	62750	63700	64150	64300	64100	53500
Upper Quartile	35750	36950	38100	39250	40400	41450	42500	43500	44450	46200	48400	50000	51150	51850	52250	52350	52300	52000	46050
Median	32950	34100	35250	36350	37350	38350	39300	40150	41000	42350	43900	44850	45200	45150	44850	44400	43850	42850	40750
Lower Quartile	29150	30550	31800	32950	33950	34850	35650	36350	36950	37950	38950	39550	39950	40100	40250	40300	40300	40300	36600
Lower Decile	26800	27850	28900	29850	30750	31550	32350	33000	33650	34750	35950	36750	37250	37500	37700	37750	37800	37800	32100
Mean	31750	33300	34750	36150	37450	38600	39700	40700	41550	43100	44750	45850	46600	47050	47350	47500	47600	47650	42300
Raw (Unsmoothed) Statistics																			
Upper Decile	33950	36750	41100	42900	42950	46400	46700	47550	48250	54200	53000	54650	62500	65800	65450	64400	72000	74000	53500
Upper Quartile	33000	35100	39600	40700	40850	43250	42700	43850	45650	47100	47200	47250	49450	51300	57400	54750	60650	59400	46050
Median	31400	32700	36300	38100	37800	38750	39350	39750	40900	42950	44000	43250	43850	45250	47300	45500	47000	50250	40750
Lower Quartile	29650	30250	32600	31900	34000	33900	35400	36150	37500	38600	39250	39500	40600	39900	41950	40100	39350	43800	36600
Lower Decile	28550	26900	29400	28650	30750	31800	32200	32700	32850	35200	36500	38200	38350	37100	35800	38650	38000	39050	32100
Mean	31500	32350	36050	36600	37300	39000	39400	39950	41000	43800	44200	44750	47000	47800	49550	48300	50750	53200	42300
Supporting Data																			
Total Number	34	67	78	63	72	66	77	67	67	182	140	139	115	61	49	29	30	55	1382
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: COMMUNICATION SERVICES, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	37850	39950	42100	44300	46500	48700	50850	53000	55100	59000	64000	67600	69800	70700	70650	69950	69000	66900	64750
Upper Quartile	36200	37850	39500	41150	42800	44400	46000	47550	49100	51950	55650	58500	60550	61750	62350	62500	62350	61650	54350
Median	34000	35200	36450	37650	38800	40000	41100	42200	43300	45250	47850	49850	51400	52400	53050	53400	53500	53450	46150
Lower Quartile	30850	31750	32650	33550	34450	35300	36150	37000	37800	39300	41300	43050	44450	45500	46350	46950	47350	47800	39100
Lower Decile	27400	28400	29350	30250	31150	32050	32850	33650	34450	35800	37500	38750	39550	40000	40150	40150	40000	39600	33650
Mean	33500	34850	36200	37550	38900	40200	41450	42700	43950	46200	49150	51500	53200	54300	54950	55250	55300	55050	47550
Raw (Unsmoothed) Statistics																			
Upper Decile	34000	39600	42250	48250	46000	50450	51250	52300	55250	61400	63300	66400	68100	67800	67850	68800	67950	74600	64750
Upper Quartile	33400	36350	40150	44000	42050	47100	45800	48200	49050	53900	55350	55600	60250	58350	62000	62000	66300	64900	54350
Median	32450	33500	37000	39850	38400	41500	40200	42600	44600	46600	47900	47900	49200	51750	54600	54500	56000	54550	46150
Lower Quartile	30600	30800	32800	33500	34500	35000	36200	37400	38850	40400	42300	40800	43100	44600	47000	47900	47500	48850	39100
Lower Decile	28950	27300	29750	29000	30000	32350	32600	34300	34500	36350	37800	38600	39000	39400	39450	40300	40300	40900	33650
Mean	32250	33600	36450	39000	38500	41200	41200	42950	44650	47750	49350	49750	51800	52450	54550	55200	58200	57500	47550
Supporting Data																			
Total Number	52	82	85	80	87	90	103	103	110	298	266	254	228	135	104	96	94	127	2392
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: COMMUNICATION SERVICES, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	51450	53700	55900	58050	60050	63700	67950	70550	71700	71600	70650	69350	67900	65150	67450
Upper Quartile	0	0	0	0	47750	49600	51450	53200	54850	57850	61350	63500	64500	64500	63900	62900	61850	59700	60700
Median	0	0	0	0	45800	47050	48200	49200	50100	51600	53150	54100	54650	54950	55100	55150	55200	55200	53100
Lower Quartile	0	0	0	0	39650	40950	42200	43300	44300	46000	47900	49150	49950	50400	50650	50750	50800	50800	47600
Lower Decile	0	0	0	0	31650	33250	34800	36350	37850	40600	44000	46300	47450	47650	47150	46300	45350	43400	39950
Mean	0	0	0	0	43800	45350	46800	48150	49500	51850	54600	56450	57400	57650	57350	56800	56150	54750	53850
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	53900	52500	52800	56900	61850	65600	67500	71100	70200	70100	69600	71000	67900	77200	67450
Upper Quartile	0	0	0	0	48650	50250	51000	52000	55050	58800	60350	63100	64550	62600	64250	65000	66650	55700	60700
Median	0	0	0	0	46100	48100	47450	48250	49350	52100	53350	54300	54350	54700	55500	55300	64600	55300	53100
Lower Quartile	0	0	0	0	38750	44400	39800	41950	45050	46250	48200	49100	49100	50250	53800	53450	53500	52350	47600
Lower Decile	0	0	0	0	27400	37350	33750	38550	38600	39650	44100	47050	47050	43350	50800	48050	48100	48250	39950
Mean	0	0	0	0	43900	46750	45600	47250	50200	52350	54400	56000	56550	56300	58400	58350	60700	60150	53850
Supporting Data																			
Total Number	20	18	14	29	17	30	36	41	46	134	132	116	116	79	58	65	70	77	1087
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

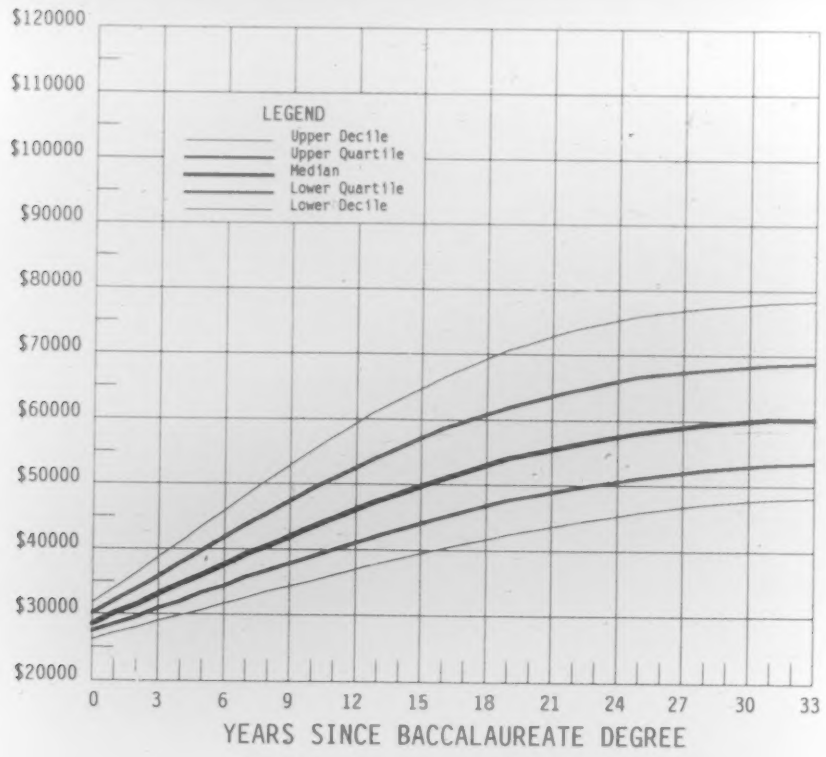
1990 ENGINEERING SALARY STATISTICS: COMMUNICATION SERVICES, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	36000	37750	39550	41300	43050	44750	46350	47950	49500	52300	55900	58750	60850	62400	63450	64150	64600	65050	54150
Upper Quartile	35450	36700	37950	39150	40300	41450	42550	43600	44650	46450	48700	50350	51450	52050	52300	52250	52100	51600	46150
Median	31500	33250	34900	36350	37600	38750	39700	40550	41250	42400	43450	44100	44450	44650	44750	44750	44800	44800	40750
Lower Quartile	29000	30350	31550	32650	33650	34550	35350	36050	36650	37700	38750	39400	39800	40000	40100	40150	40200	40200	36250
Lower Decile	26700	27750	28750	29700	30550	31400	32100	32800	33400	34450	35650	36400	36950	37250	37400	37500	37500	37550	31900
Mean	31550	33100	34600	35950	37250	38450	39550	40600	41500	43000	44750	45900	46650	47150	47400	47600	47700	47750	42350
Raw (Unsmoothed) Statistics																			
Upper Decile	33950	36800	41350	43000	42950	46600	44900	47700	48300	54950	53450	54650	62800	66400	65850	64400	73200	75200	54150
Upper Quartile	33000	35000	39400	40750	40850	43450	41750	44000	45550	48000	47450	47250	50000	51900	58000	54750	61650	60000	46150
Median	31400	32450	35700	38100	37800	37600	38900	39900	40700	43100	44000	43250	44000	45600	46650	45500	48500	51000	40750
Lower Quartile	29650	30150	32250	30900	34000	33600	34650	36000	37300	38500	39200	39500	40500	40250	41400	40100	39600	43250	36250
Lower Decile	28550	26850	29100	28350	30750	31500	31850	32400	32750	34700	36400	38200	38300	36800	35200	38650	37400	38950	31900
Mean	31500	32250	35750	36200	37300	38800	38750	40000	40900	44000	44300	44750	47150	48250	49600	48300	52000	53650	42350
Supporting Data																			
Total Number	34	64	72	53	72	60	68	64	65	164	134	139	112	58	46	29	27	52	1303
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: COMMUNICATION SERVICES, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	43400	46350	49100	51650	54000	56100	59600	63400	65800	67200	68000	68450	68650	68700	68750	67450
Upper Quartile	0	0	0	41400	44700	47700	50350	52650	54650	57700	60550	62100	62900	63300	63450	63550	63550	63600	58150
Median	0	0	0	38900	42150	44700	46600	48000	49000	50300	51100	51450	51550	51600	51600	51600	51600	51600	51850
Lower Quartile	0	0	0	37750	39700	41300	42600	43600	44400	45450	46350	46700	46900	47000	47000	47000	47000	47000	44100
Lower Decile	0	0	0	36550	38200	39200	39800	40200	40400	40600	40750	40750	40750	40750	40750	40750	40750	40750	39150
Mean	0	0	0	39350	42200	44650	46650	48300	49650	51550	53150	53900	54250	54400	54450	54450	54500	54500	53800
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	42300	0	49250	54950	58000	54800	55800	55400	67800	67000	96000	0	82650	67150	88000	67450
Upper Quartile	0	0	0	40550	0	48100	53400	55250	53000	53750	54500	65900	65450	80000	0	67750	65900	85000	58150
Median	0	0	0	38950	0	43000	48500	52250	50000	45900	53000	55750	55200	54500	0	66000	52500	64000	51850
Lower Quartile	0	0	0	37400	0	40500	43250	50400	47000	40250	44000	51400	53250	48500	0	64250	48250	53000	44100
Lower Decile	0	0	0	36550	0	39000	40100	39500	45200	38200	39200	48750	43800	40400	0	54400	39700	45200	39150
Mean	0	0	0	39150	0	44000	48050	51000	50000	48400	48500	59700	57400	61450	0	67050	55700	63400	53800
Supporting Data																			
Total Number	0	3	6	17	0	20	21	15	12	36	12	35	28	24	9	14	17	12	271
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

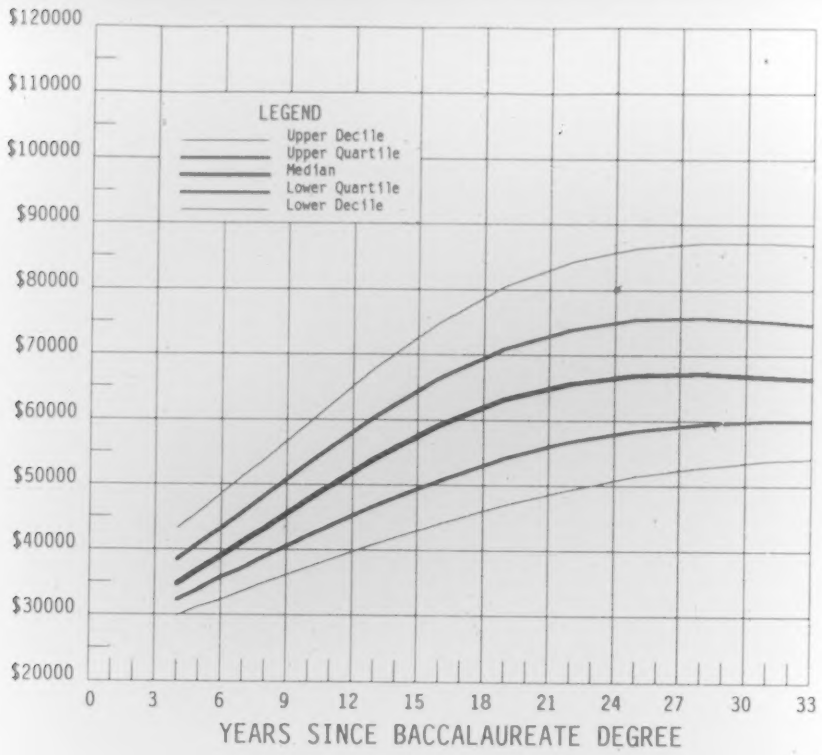
SALARY CURVES FOR ENGINEERS IN CONSTRUCTION
ALL ENGINEERS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: CONSTRUCTION

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	31700	33950	36250	38650	41050	43450	45850	48200	50550	55100	61300	66500	70700	73800	75950	77350	78150	78750	68000
Upper Quartile	30100	32000	33900	35850	37800	39750	41750	43650	45550	49250	54250	58550	62000	64650	66550	67800	68550	69150	59050
Median	28650	30100	31600	33100	34600	36100	37600	39100	40600	43450	47450	51000	54000	56350	58150	59350	60150	60800	48950
Lower Quartile	27350	28550	29700	30900	32100	33250	34450	35600	36800	39050	42250	45100	47600	49650	51300	52500	53300	54150	38400
Lower Decile	26250	27150	28050	28950	29850	30750	31700	32600	33500	35300	37900	40300	42500	44350	45900	47100	48000	48950	31500
Mean	28950	30500	32050	33600	35200	36800	38350	39950	41500	44550	48800	52600	55750	58300	60200	61500	62350	63100	50050
Raw (Unsmoothed) Statistics																			
Upper Decile	32550	33500	36000	38400	40150	43450	47150	49150	47150	54000	62350	69600	73650	73900	78450	74000	72150	76700	68000
Upper Quartile	31300	31750	33700	34950	37200	39200	40450	43550	43900	49150	55600	60600	64400	65350	68050	65150	63600	67100	59050
Median	29900	29900	31350	31800	33950	35750	36550	38750	40000	44100	48800	51300	54600	57200	58100	58750	57950	59700	48950
Lower Quartile	28700	28250	29400	29600	31600	32700	33550	35800	36600	39700	42650	45500	47350	49900	52200	52850	53050	52550	38400
Lower Decile	28000	26400	28100	27900	29300	29300	30250	32900	34400	36300	37500	40450	42650	45050	47250	46600	47700	47500	31500
Mean	30250	30000	31650	32900	34700	36250	37500	39950	40600	44850	49400	53700	56750	58750	61700	60450	60400	60900	50050
Supporting Data																			
Total Number	129	114	100	115	125	129	107	115	147	376	322	457	382	353	259	255	169	341	3995
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	1	2	1	9
Less Than $22000	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	3

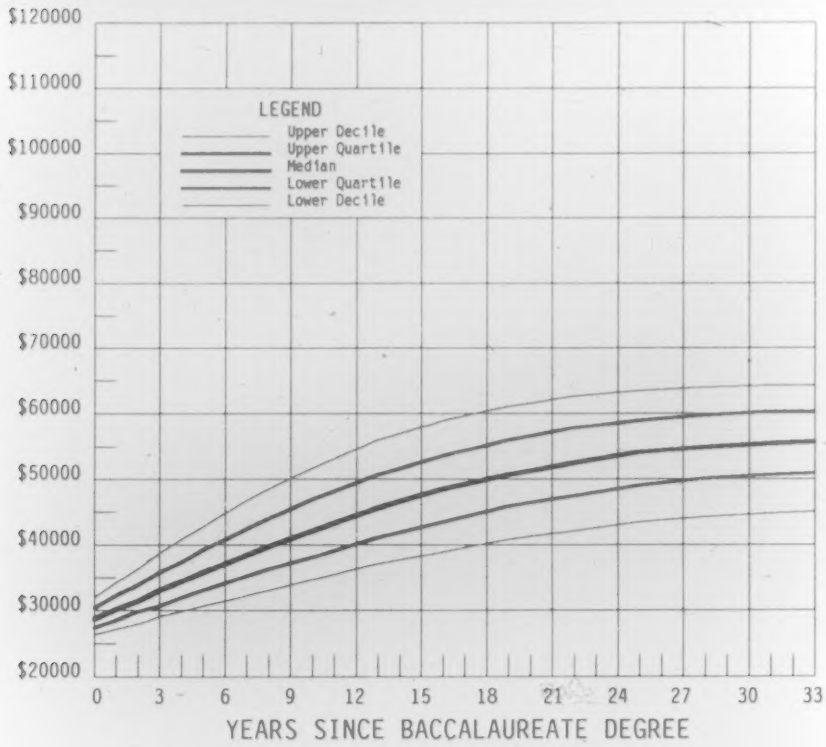
SALARY CURVES FOR ENGINEERS IN CONSTRUCTION SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: CONSTRUCTION, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	43100	45700	48400	51150	53900	59550	67700	74850	80500	84350	86500	87300	87200	85750	79250
Upper Quartile	0	0	0	0	38450	40800	43250	45700	48200	53200	60300	66450	71050	73950	75350	75600	75100	73250	69350
Median	0	0	0	0	34800	36850	39000	41150	43300	47650	53850	59150	63100	65650	66900	67150	66800	65300	61150
Lower Quartile	0	0	0	0	32350	33950	35600	37200	38850	42100	46750	50800	54200	56700	58400	59400	59950	60150	49600
Lower Decile	0	0	0	0	29950	31150	32400	33600	34850	37300	40850	44100	47000	49400	51350	52800	53900	55300	41600
Mean	0	0	0	0	36000	38000	40050	42150	44250	48450	54450	59700	53900	66800	68550	69350	69500	68850	61250
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	43100	49400	49900	51800	49000	60600	66250	76250	79900	81900	92250	87400	88000	84200	79250
Upper Quartile	0	0	0	0	39100	39500	46250	47000	45000	52050	61150	69250	71550	71400	76700	71650	74000	75600	69350
Median	0	0	0	0	35500	36500	40700	41600	41800	46650	53000	61850	64100	64800	66800	63800	63700	67800	61150
Lower Quartile	0	0	0	0	32850	33000	37500	36000	38000	42000	47450	51350	54000	56800	57900	58250	58350	61450	49600
Lower Decile	0	0	0	0	29300	29400	32200	33200	36300	37750	41250	44150	45400	49350	53250	52550	53100	55500	41600
Mean	0	0	0	0	36250	38450	41900	42350	42500	47850	54000	61550	63850	65800	70100	67100	69000	69700	61250
Supporting Data																			
Total Number	0	2	3	0	13	14	21	28	40	111	108	176	172	161	121	121	62	148	1301
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	1	3	1	2	1	9
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SALARY CURVES FOR ENGINEERS IN CONSTRUCTION
NON-SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: CONSTRUCTION, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	31900	34100	36350	38550	40700	42800	44800	46700	48550	51850	55900	58950	61100	62550	63450	64000	64300	64450	59050
Upper Quartile	30450	32200	33950	35700	37400	39150	40800	42400	43950	46850	50650	53700	56050	57800	59000	59800	60250	60600	52850
Median	28850	30200	31600	32950	34350	35700	37050	38350	39650	42150	45500	48400	50800	52650	54000	54950	55550	56050	44400
Lower Quartile	27550	28650	29750	30800	31900	33000	34050	35100	36150	38200	41000	43550	45750	47550	48950	50000	50700	51450	35300
Lower Decile	26400	27250	28100	28950	29800	30600	31450	32300	33100	34700	36950	39000	40750	42250	43400	44250	44850	45500	30200
Mean	29200	30600	32050	33450	34900	36250	37650	38950	40250	42700	46000	48750	50950	52650	53850	54700	55250	55700	44650
Raw (Unsmoothed) Statistics																			
Upper Decile	32550	33550	35900	38400	39900	42950	45050	48150	46650	51950	58250	58400	61550	62450	64200	63450	63600	63350	59050
Upper Quartile	31300	31800	33650	34950	37000	39200	38750	42650	43500	48100	52300	53350	55950	58100	58850	59350	59850	59750	52850
Median	29900	29900	31350	31800	33850	35650	35800	38100	39300	43150	45900	48600	50550	52800	54100	55150	55300	54400	44400
Lower Quartile	28700	28250	29500	29600	31450	32700	33150	35750	35950	38950	41750	43750	45300	47700	49200	50100	51000	50250	35300
Lower Decile	28000	26400	28150	27900	29300	29300	29850	32750	34100	35950	36500	39100	41600	42350	44750	43650	46300	43000	30200
Mean	30250	30000	31650	32900	34500	36000	36400	39200	39900	43550	47050	48800	50950	52850	54300	54450	55400	54150	44650
Supporting Data																			
Total Number	129	112	97	115	112	115	86	87	107	265	214	281	210	192	138	134	107	193	2694
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	3

1990 ENGINEERING SALARY STATISTICS: CONSTRUCTION, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	31850	33800	35850	37950	40150	42350	44650	46950	49300	53950	60600	66400	70950	74150	76050	76900	77050	76250	65800
Upper Quartile	30050	31850	33700	35600	37450	39350	41250	43100	44950	48500	53400	57600	61000	63650	65550	66850	67600	68200	56250
Median	28650	30050	31500	32950	34400	35850	37250	38700	40100	42850	46700	50050	52950	55250	57000	58250	59050	59850	46250
Lower Quartile	27400	28500	29650	30750	31850	33000	34100	35200	36300	38450	41500	44200	46600	48600	50150	51300	52150	52950	36450
Lower Decile	26250	27100	27950	28800	29650	30500	31350	32200	33050	34750	37200	39450	41450	43150	44500	45550	46300	47050	30500
Mean	28850	30300	31800	33350	34850	36400	37900	39450	40950	43850	47950	51550	54650	57100	59000	60350	61250	62100	47700
Raw (Unsmoothed) Statistics																			
Upper Decile	31850	33000	36000	37950	39500	43500	47300	49450	46850	53350	61800	66950	70000	70900	78750	73750	76400	78700	65800
Upper Quartile	31050	31450	33600	34800	36750	38800	40250	43750	43850	48700	54800	58400	63600	62600	66950	64100	64000	67150	56250
Median	29800	29700	31100	31750	33800	35400	36700	38650	39700	43800	47950	49600	53400	54550	57850	58350	58400	58850	46250
Lower Quartile	28650	28150	29250	29350	31300	32500	33550	35600	36500	39300	41850	44150	46100	48600	52000	51150	53000	51450	36450
Lower Decile	27800	26350	28000	27650	29000	29050	29800	32900	34350	36050	36750	39100	41900	43650	45850	43950	46950	45950	30500
Mean	29900	29700	31500	32800	34200	36000	37500	40000	40300	44400	48450	51850	55000	56550	61200	59200	61450	60600	47700
Supporting Data																			
Total Number	122	108	91	102	105	112	94	105	129	317	258	331	270	218	149	139	108	236	2994
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	2	1	6
Less Than $22000	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	3

1990 ENGINEERING SALARY STATISTICS: CONSTRUCTION, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	44200	46500	48850	51250	53650	58400	65250	71300	76250	79950	82350	83750	84400	84400	75850
Upper Quartile	0	0	0	0	38950	41050	43200	45400	47600	51950	58250	63700	68100	71200	73100	74050	74350	73850	66300
Median	0	0	0	0	35300	37200	39150	41100	43050	46950	52450	57150	60800	63250	64700	65300	65350	64600	57350
Lower Quartile	0	0	0	0	33200	34550	35900	37250	38600	41300	45050	48500	51400	53750	55550	56850	57750	58800	47100
Lower Decile	0	0	0	0	30150	31300	32450	33550	34700	36950	40150	43100	45700	47850	49650	51000	52000	53350	39750
Mean	0	0	0	0	36600	38400	40200	42000	43800	47400	52550	57200	61000	63950	66050	67350	68100	68650	58200
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	43100	49100	49900	51800	48200	59850	65650	74650	75050	75900	84150	79200	87750	86250	75850
Upper Quartile	0	0	0	0	39100	37900	46250	47000	44750	51400	59850	66400	67350	67850	75500	69000	73500	76900	66300
Median	0	0	0	0	35500	36250	40700	41600	41800	46300	52150	59650	61450	61250	65250	61900	62750	67150	57350
Lower Quartile	0	0	0	0	32850	32500	37500	36000	38200	41800	46750	48050	51250	52800	55500	55150	56850	60650	47100
Lower Decile	0	0	0	0	29300	29300	32200	33200	36500	37500	40700	42300	44800	48050	51000	50250	51350	53900	39750
Mean	0	0	0	0	36250	37700	41900	42350	42200	47350	52850	58550	60600	62550	67700	64100	68750	69850	58200
Supporting Data																			
Total Number	0	2	3	0	13	13	21	28	38	103	94	130	126	102	80	74	49	105	981
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	2	1	6
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: CONSTRUCTION, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	31400	33650	35850	38050	40250	42350	44400	46350	48150	51500	55600	58650	60850	62300	63250	63800	64100	64300	57400
Upper Quartile	30300	32000	33700	35400	37050	38700	40300	41850	43400	46250	49950	53050	55400	57200	58400	59200	59700	60100	50250
Median	28800	30150	31450	32800	34100	35400	36650	37900	39150	41450	44650	47350	49550	51300	52600	53550	54150	54700	41650
Lower Quartile	27550	28600	29600	30650	31650	32700	33700	34700	35650	37550	40150	42500	44500	46100	47400	48350	49000	49650	33450
Lower Decile	26350	27100	27900	28700	29500	30250	31050	31800	32550	34050	36150	38000	39650	41000	42100	42900	43450	44000	29450
Mean	29000	30400	31800	33150	34550	35900	37200	38500	39750	42100	45250	47850	50000	51600	52800	53650	54200	54700	42600
Raw (Unsmoothed) Statistics																			
Upper Decile	31850	33050	35850	37950	39050	43200	44700	48400	46500	51350	57850	56600	60650	61700	62900	64650	64200	63750	57400
Upper Quartile	31050	31500	33550	34800	36450	38900	38250	42700	43250	47450	51400	52100	55550	56500	58600	60300	59300	59000	50250
Median	29800	29700	31150	31750	33600	35250	35950	37950	38800	42700	45100	47700	49150	50900	53950	53250	55550	52850	41650
Lower Quartile	28650	28150	29350	29350	31200	32500	33050	35450	35700	38400	40500	42450	44150	46600	48300	47100	49850	48550	33450
Lower Decile	27800	26300	28100	27650	28900	28950	29300	32750	33550	35350	35800	38000	40700	41150	43900	40700	45650	41800	29450
Mean	29900	29700	31550	32800	33900	35800	36200	39150	39500	42950	45900	47500	50150	51300	53650	53650	55400	53250	42600
Supporting Data																			
Total Number	122	106	88	102	92	99	73	77	91	214	164	201	144	116	69	65	59	131	2013
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	3

1990 ENGINEERING SALARY STATISTICS: CONSTRUCTION, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	38550	41800	45050	48250	51300	54250	59500	65800	70250	73150	75000	76050	76650	76950	77150	73000
Upper Quartile	0	0	0	35800	38400	41000	43550	46000	48350	52600	57900	61800	64500	66250	67400	68000	68350	68550	63650
Median	0	0	0	32300	34600	36850	39050	41150	43150	46800	51250	54500	56750	58200	59100	59650	59900	60100	55500
Lower Quartile	0	0	0	30600	32400	34200	35950	37600	39200	42200	46000	48900	51000	52500	53500	54100	54500	54750	47750
Lower Decile	0	0	0	29300	30700	32100	33450	34750	36050	38450	41650	44250	46250	47800	48900	49600	50100	50550	39150
Mean	0	0	0	33250	35600	37950	40200	42400	44500	48300	53050	56550	59050	60650	61700	62300	62600	62800	56600
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	40100	44000	43300	46100	47000	53600	56400	64000	74000	79750	77900	77850	73650	67850	74050	73000
Upper Quartile	0	0	0	36750	40000	40800	42100	42500	44750	51100	58000	64150	66200	69050	68650	66300	63200	66250	63650
Median	0	0	0	32500	36000	37650	35250	39500	41600	46450	51500	55850	56750	60500	58000	58900	57150	60000	55500
Lower Quartile	0	0	0	30900	32800	35100	33500	37000	38400	41900	47250	48900	50400	54100	52000	54450	53250	55050	47750
Lower Decile	0	0	0	30100	31000	31400	32200	36000	34800	37900	43150	44700	45600	47800	48250	49600	50100	51000	39150
Mean	0	0	0	33900	37200	37950	37600	39500	42750	47100	53400	58250	60500	62350	61950	61600	59000	61050	56600
Supporting Data																			
Total Number	6	6	9	13	20	17	13	10	18	57	60	115	102	121	96	105	52	94	914
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	3
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

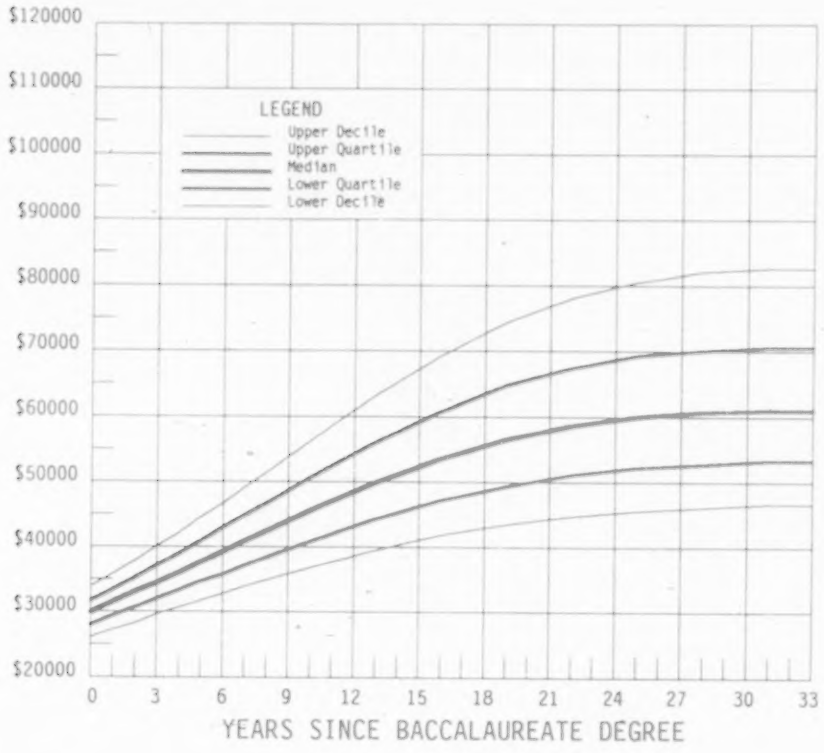
1990 ENGINEERING SALARY STATISTICS: CONSTRUCTION, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	78800	86900	91750	93300	92300	89900	87000	81100	89300
Upper Quartile	0	0	0	0	0	0	0	0	0	0	72250	75450	77200	77750	77400	76600	75500	73250	74950
Median	0	0	0	0	0	0	0	0	0	0	63950	66650	68350	69200	69400	69200	68800	67650	68100
Lower Quartile	0	0	0	0	0	0	0	0	0	0	59500	61750	63150	63850	64050	63900	63550	62650	62400
Lower Decile	0	0	0	0	0	0	0	0	0	0	53350	55950	57750	58850	59400	59550	59450	58850	56550
Mean	0	0	0	0	0	0	0	0	0	0	64800	69150	71850	73100	73150	72450	71400	69000	70500
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	75600	90000	92500	87850	98250	89850	89500	80500	89300
Upper Quartile	0	0	0	0	0	0	0	0	0	0	72000	74400	80000	76750	79350	73850	77000	74000	74950
Median	0	0	0	0	0	0	0	0	0	0	61000	68500	68000	69400	69150	68250	67350	68550	68100
Lower Quartile	0	0	0	0	0	0	0	0	0	0	57350	62650	63000	65500	62000	62600	63500	63650	62400
Lower Decile	0	0	0	0	0	0	0	0	0	0	50600	58000	56000	61300	56550	58800	60200	59600	56550
Mean	0	0	0	0	0	0	0	0	0	0	62600	70600	72300	71700	74700	71700	70400	69450	70500
Supporting Data																			
Total Number	0	0	0	0	0	1	0	0	2	8	12	40	40	53	34	41	11	38	280
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	3
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: CONSTRUCTION, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	40050	42350	44550	46650	48600	50450	53650	57350	59950	61700	62800	63500	63850	64050	64200	61150
Upper Quartile	0	0	0	37450	39100	40800	42500	44100	45750	48800	52800	55900	58050	59350	59900	59950	59650	58750	57050
Median	0	0	0	33600	35150	36750	38300	39900	41400	44350	48250	51400	53700	55100	55800	56000	55850	55100	51450
Lower Quartile	0	0	0	31500	32900	34300	35650	37000	38350	40900	44350	47150	49250	50600	51400	51750	51800	51450	44100
Lower Decile	0	0	0	29800	31000	32150	33350	34500	35650	37800	40750	43150	45050	46400	47250	47750	48000	48000	36500
Mean	0	0	0	34600	36150	37750	39300	40850	42350	45200	48950	51900	53900	55100	55650	55650	55400	54550	50450
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	40100	44000	42400	46100	47000	51200	53150	59350	59850	59650	63100	68650	62400	63450	62300	61150
Upper Quartile	0	0	0	36750	40000	40250	42100	42500	44000	49900	54500	56100	56750	59250	59350	58850	60400	59800	57050
Median	0	0	0	32500	36000	37350	35250	39500	41600	45500	50000	50800	52750	56000	54000	55800	55300	56650	51450
Lower Quartile	0	0	0	30900	32800	35000	33500	37000	38750	41600	46500	46650	48650	50000	49850	52150	52250	52400	44100
Lower Decile	0	0	0	30100	31000	31200	32200	36000	35600	37550	42900	43250	44700	45100	47350	46650	49300	48800	36500
Mean	0	0	0	33900	37200	37300	37600	39500	42150	45900	51050	51600	52850	55050	55000	55100	55950	55350	50450
Supporting Data																			
Total Number	6	6	9	13	20	16	13	10	16	49	48	75	62	68	62	64	41	56	634
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

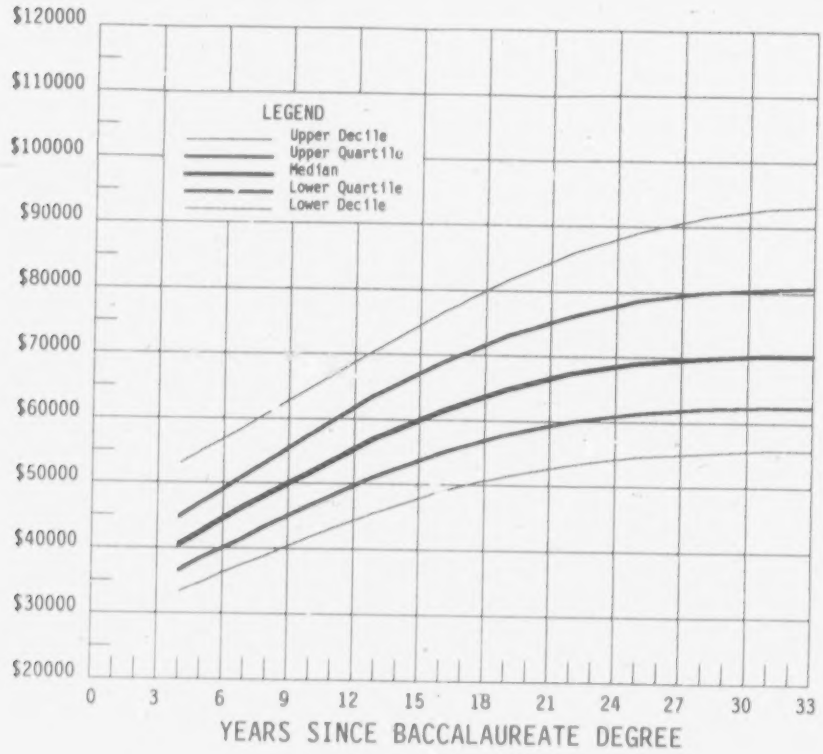
SALARY CURVES FOR ENGINEERS IN CONSULTING & ENGINEERING SERVICES
ALL ENGINEERS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: CONSULTING & ENGINEERING SERVICES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	33750	35750	37800	39950	42200	44450	46800	49150	51550	56300	63200	69400	74450	78200	80650	82050	82700	82650	71400
Upper Quartile	31700	33450	35250	37100	39000	40900	42850	44800	46800	50650	56100	60900	64700	67450	69250	70250	70700	70650	60700
Median	29900	31400	32950	34500	36100	37700	39300	40900	42450	45550	49850	53500	56450	58550	59950	60750	61150	61200	50150
Lower Quartile	28050	29350	30600	31950	33250	34550	35850	37150	38450	40900	44300	47200	49450	51100	52250	52900	53250	53450	39900
Lower Decile	26250	27300	28400	29500	30600	31700	32750	33800	34850	36800	39500	41750	43500	44800	45700	46250	46600	46800	33200
Mean	30050	31550	33150	34750	36400	38050	39700	41350	43050	46300	50850	54800	58000	60400	62000	63000	63500	63700	51800
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	33600	34950	37800	40750	42400	45050	46500	49900	52250	56050	62350	69700	74650	77900	81150	80550	81600	83900	71400
Upper Quartile	32000	33100	35500	36950	38950	40650	42650	45150	47300	50800	55350	61450	64900	67500	69600	69400	69350	71350	60700
Median	30450	31150	33100	34050	36100	37550	38850	40750	42600	45900	49450	53800	56550	58850	60000	60500	60600	61300	50150
Lower Quartile	28300	29050	30800	31950	33200	34550	35400	37600	38350	40900	44100	47400	49650	50850	52750	52650	53050	53400	39900
Lower Decile	25750	26900	28800	30150	30800	31700	32500	34450	35300	36700	38950	41900	43100	44650	46700	45950	46600	46800	33200
Mean	30100	31150	33500	34950	36350	38100	39300	41600	43200	46350	50300	55250	58150	60300	62550	62150	62850	64100	51800
---------- Supporting Data ----------																			
Total Number	424	477	472	504	632	567	549	565	530	1650	1513	1749	1584	1422	1210	1093	896	1617	17454
$125,000 or More	0	0	0	0	0	0	0	0	0	1	1	3	4	3	6	5	4	19	46
Less Than $22000	6	1	3	2	3	2	1	0	2	0	0	1	0	0	0	0	0	0	21

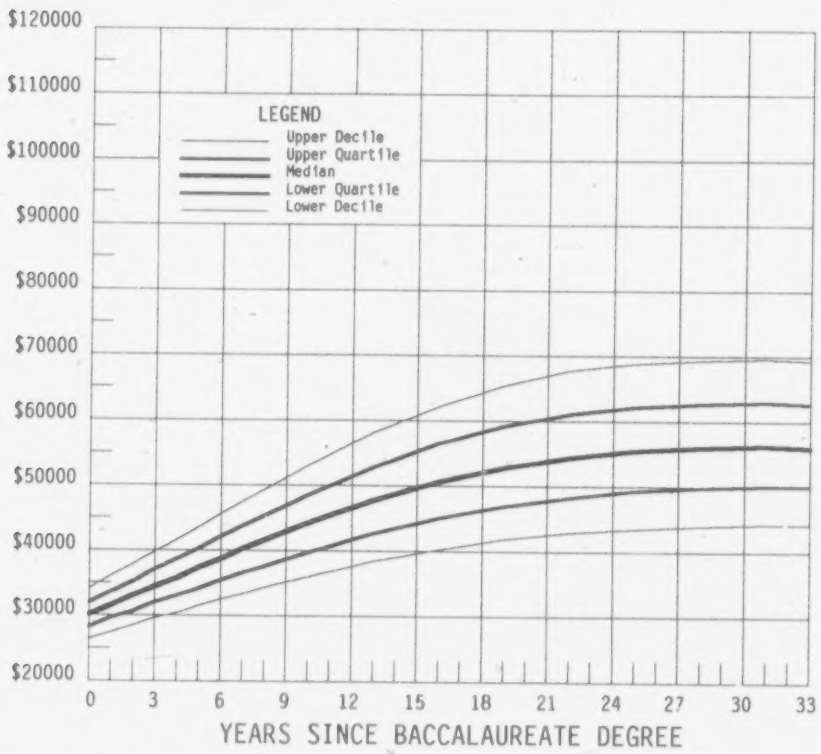
SALARY CURVES FOR ENGINEERS IN CONSULTING & ENGINEERING SERVICES SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: CONSULTING & ENGINEERING SERVICES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	53100	54900	56800	58750	60700	64700	70750	76500	81650	85900	89150	91450	92850	94000	84950
Upper Quartile	0	0	0	0	44850	46950	49100	51250	53400	57650	63650	68900	73200	76400	78550	79900	80600	80900	73950
Median	0	0	0	0	40650	42500	44400	46300	48150	51800	56950	61350	64850	67400	69050	70000	70450	70500	64350
Lower Quartile	0	0	0	0	36650	38350	40000	41700	43350	46600	51100	54900	57900	60000	61350	62050	62300	62200	55600
Lower Decile	0	0	0	0	33300	34750	36200	37650	39050	41850	45700	48950	51500	53350	54600	55250	55600	55600	47800
Mean	0	0	0	0	41800	43650	45500	47350	49250	52900	58050	62550	66250	69100	71100	72350	73100	73650	66000
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	49700	60000	55400	58800	62400	65000	69150	76700	82150	86800	91450	89300	92350	93250	84950
Upper Quartile	0	0	0	0	44750	44750	50400	49800	56550	58550	62650	69250	72950	76950	78900	78300	80900	81200	73950
Median	0	0	0	0	41000	40350	44450	46000	50450	52650	55350	62050	64950	68250	68850	69150	68350	71500	64350
Lower Quartile	0	0	0	0	35750	37000	39700	41900	45000	47100	50200	55600	57550	60950	60650	61150	61300	63000	55600
Lower Decile	0	0	0	0	34100	33350	37400	37450	39200	41900	45000	49500	51750	53600	54900	53400	55200	56250	47800
Mean	0	0	0	0	42150	43200	45350	46750	51000	53350	56900	63000	66350	69700	71550	70850	72450	74100	66000
Supporting Data																			
Total Number	1	2	11	13	22	30	34	76	56	280	435	617	655	549	496	409	325	632	4643
$125,000 or More	0	0	0	0	0	0	0	0	0	0	1	1	4	3	6	4	4	15	38
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SALARY CURVES FOR ENGINEERS IN CONSULTING & ENGINEERING SERVICES NON-SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: CONSULTING & ENGINEERING SERVICES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	34200	36000	37850	39700	41600	43550	45500	47400	49300	53000	58050	62250	65450	67650	68900	69450	69550	69000	62000
Upper Quartile	32050	33650	35300	36950	38650	40350	42000	43700	45350	48550	52850	56450	59200	61050	62150	62700	62850	62500	54350
Median	30200	31600	33000	34450	35850	37300	38750	40150	41500	44150	47700	50650	52900	54500	55450	55950	56150	56000	45800
Lower Quartile	28350	29500	30700	31900	33050	34250	35400	36550	37700	39850	42700	45150	47000	48350	49300	49850	50100	50250	37200
Lower Decile	26450	27450	28450	29500	30500	31500	32450	33400	34300	36050	38400	40300	41800	42850	43550	43950	44200	44300	32050
Mean	30300	31700	33150	34550	36000	37450	38900	40350	41750	44450	48100	51150	53500	55150	56250	56800	57050	57000	46650
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	33600	35000	37550	40550	41800	44700	45950	48850	50200	53250	57700	61500	63250	66000	69150	70000	70400	70350	62000
Upper Quartile	32000	33100	35400	36800	38750	40500	42200	43850	46300	49250	52350	56050	58000	60500	61950	62950	63650	63000	54350
Median	30450	31150	33000	34000	36050	37400	38600	40250	42000	44900	47400	50400	52150	54100	55100	56350	56100	56550	45800
Lower Quartile	28350	29000	30750	31900	33150	34500	35150	37150	38050	40150	42500	45050	46100	47900	49650	49900	50550	50500	37200
Lower Decile	25850	26900	28750	30100	30750	31600	32350	34250	35100	36250	37600	40200	41000	42300	44800	43400	44600	44650	32050
Mean	30150	31150	33100	34750	36150	37800	38900	40800	42300	44950	47650	51050	52350	54400	56300	56950	57400	57700	46650
---------- Supporting Data ----------																			
Total Number	423	475	461	491	610	537	515	489	474	1370	1078	1132	929	873	714	684	571	985	12811
$125,000 or More	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	1	0	4	8
Less Than $22000	6	1	3	2	3	2	1	0	2	0	0	1	0	0	0	0	0	0	21

1990 ENGINEERING SALARY STATISTICS: CONSULTING & ENGINEERING SERVICES, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33850	35750	37800	39850	42000	44150	46350	48600	50850	55300	61700	67300	71850	75150	77350	78500	79000	78900	67300
Upper Quartile	31900	33550	35300	37050	38850	40650	42450	44300	46100	49700	54700	59000	62450	64950	66550	67500	67900	67900	57150
Median	30100	31550	33000	34450	35950	37450	38950	40400	41900	44700	48600	51900	54500	56400	57650	58350	58700	58800	47100
Lower Quartile	28200	29400	30600	31850	33100	34300	35500	36700	37900	40150	43200	45800	47800	49250	50250	50800	51150	51300	37600
Lower Decile	26200	27250	28300	29350	30350	31400	32400	33400	34350	36150	38600	40600	42150	43250	44000	44400	44650	44750	32000
Mean	30150	31650	33100	34650	36200	37750	39300	40850	42400	45350	49550	53100	56000	58150	59600	60500	60950	61200	48850
Raw (Unsmoothed) Statistics																			
Upper Decile	33550	34750	37600	40800	42500	44550	46650	49750	51700	55450	60950	68050	70150	75200	74700	76550	78700	81800	67300
Upper Quartile	31950	33000	35400	36950	38950	40500	42450	45000	46800	50150	54400	59300	62100	64200	65250	66250	67000	69800	57150
Median	30450	31100	33000	34000	36150	37450	38550	40500	42200	45300	48550	52000	54200	55700	57300	58250	58350	59450	47100
Lower Quartile	28300	28950	30750	31800	33150	34300	35150	37400	38050	40450	43200	45600	47250	48950	50700	50400	51350	51550	37600
Lower Decile	25650	26900	28650	29850	30650	31350	32350	34350	34950	36150	38050	40600	41550	42850	44850	43750	45050	45050	32000
Mean	30050	31050	33400	34800	36350	37800	39150	41400	42800	45750	49150	53350	55300	57800	59200	59400	60750	62400	48850
Supporting Data																			
Total Number	414	441	404	411	519	431	416	427	387	1146	987	1046	928	794	651	620	545	1042	11609
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	0	1	3	1	3	12	21
Less Than $22000	6	1	3	2	3	2	1	0	2	0	0	1	0	0	0	0	0	0	21

1990 ENGINEERING SALARY STATISTICS: CONSULTING & ENGINEERING SERVICES, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	52200	54150	56100	58050	60000	63850	69350	74400	78800	82500	85500	87750	89450	91700	81850
Upper Quartile	0	0	0	0	45550	47450	49400	51350	53250	57000	62300	66950	70750	73700	75800	77150	78000	78700	71300
Median	0	0	0	0	40900	42600	44300	46000	47650	50900	55450	59350	62500	64900	66550	67550	68150	68550	61800
Lower Quartile	0	0	0	0	36750	38200	39700	41150	42600	45400	49300	52600	55250	57250	58650	59550	60000	60350	52850
Lower Decile	0	0	0	0	33400	34700	36000	37250	38500	40900	44250	47100	49350	51050	52250	53000	53400	53750	44800
Mean	0	0	0	0	42350	44000	45600	47250	48850	52000	56400	60350	63650	66300	68300	69700	70700	71800	63300
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	49850	62400	55700	55100	59700	65350	67350	76050	77400	85750	83450	86850	90450	91650	81850
Upper Quartile	0	0	0	0	45100	45500	50750	49250	55800	58250	61000	68600	69600	75500	73200	76050	78850	79400	71300
Median	0	0	0	0	40600	40150	44500	45700	49500	51800	54000	60550	62700	65700	64950	66300	66600	69900	61800
Lower Quartile	0	0	0	0	35600	36000	39700	42100	44200	45650	48650	53300	55050	57600	58050	58700	59100	61200	52850
Lower Decile	0	0	0	0	34050	33400	37200	36900	39100	41050	43500	47250	49850	50850	53100	51500	53800	53800	44800
Mean	0	0	0	0	42100	43750	45550	46300	49950	52700	55250	61550	63200	67350	67200	68150	70600	72550	63300
Supporting Data																			
Total Number	1	2	11	11	21	24	32	63	45	193	258	338	344	281	260	219	204	401	2708
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	0	1	3	1	3	10	19
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: CONSULTING & ENGINEERING SERVICES, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34050	35850	37650	39500	41400	43250	45150	47000	48850	52400	57150	61050	63900	65700	66650	67000	66900	66100	59350
Upper Quartile	32050	33600	35200	36850	38450	40100	41750	43350	44950	47950	52050	55400	57900	59500	60450	60850	60900	60400	51900
Median	30250	31600	32950	34350	35700	37100	38450	39800	41100	43600	46900	49600	51600	52950	53750	54150	54250	54000	43450
Lower Quartile	28300	29450	30600	31750	32900	34000	35150	36200	37300	39300	41950	44100	45800	46950	47700	48100	48300	48300	35550
Lower Decile	26350	27350	28300	29300	30250	31200	32100	33000	33850	35500	37600	39300	40600	41500	42050	42350	42500	42500	31100
Mean	30250	31600	33000	34400	35800	37200	38550	39900	41250	43800	47150	49950	52050	53450	54350	54750	54900	54700	44450
Raw (Unsmoothed) Statistics																			
Upper Decile	33550	34750	37300	40650	41800	44050	45850	48700	49600	52800	57400	59650	61600	63650	64550	66750	67550	69100	59350
Upper Quartile	31950	33000	35250	36850	38700	40350	41800	43600	45850	48800	51950	54600	56400	58400	59600	61450	61100	61650	51900
Median	30450	31100	32950	33900	36050	37300	38150	39950	41450	44400	46850	49150	50700	52250	53200	54350	54300	54800	43450
Lower Quartile	28300	28950	30700	31750	33050	34200	34850	37000	37700	39750	41800	43700	44600	46550	47950	47900	48750	48900	35550
Lower Decile	25750	26850	28600	29850	30600	31250	32200	34150	34650	35700	36700	38950	39400	41050	43650	41400	43400	42950	31100
Mean	30100	31050	32900	34650	36100	37450	38600	40550	41850	44350	47000	49450	50700	52550	53900	54600	54850	56100	44450
Supporting Data																			
Total Number	413	439	393	400	498	407	384	364	342	953	729	708	584	513	391	401	341	641	8901
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
Less Than $22000	6	1	3	2	3	2	1	0	2	0	0	1	0	0	0	0	0	0	21

1990 ENGINEERING SALARY STATISTICS: CONSULTING & ENGINEERING SERVICES, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	37900	40150	42450	44850	47300	49800	52300	57400	64800	71400	76800	80750	83300	84650	85200	84850	75100
Upper Quartile	0	0	35150	37150	39200	41250	43400	45550	47700	51950	57950	63150	67200	70000	71650	72400	72500	71850	64500
Median	0	0	32550	34300	36100	37900	39750	41600	43400	47000	51950	56150	59250	61350	62500	62900	62900	62150	55000
Lower Quartile	0	0	30600	32050	33500	35000	36450	37950	39400	42200	46100	49350	51950	53750	54900	55550	55800	55700	45450
Lower Decile	0	0	29200	30400	31600	32750	33950	35100	36250	38450	41450	44050	46050	47600	48650	49300	49650	49950	37600
Mean	0	0	33200	34950	36700	38550	40350	42200	44050	47700	52750	57150	60650	63100	64700	65500	65800	65600	56400
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	39000	39950	41850	45700	45750	50450	53050	57200	63800	70950	79650	79200	87050	80900	84800	85050	75100
Upper Quartile	0	0	36450	36700	38900	41250	42800	45250	48200	51900	57600	63300	68200	69850	72150	71250	70650	72650	64500
Median	0	0	33350	34250	35800	37800	39500	41450	43200	47200	51050	56750	59850	61650	62400	61800	62250	62600	55000
Lower Quartile	0	0	31100	32300	33350	35100	36100	38200	39100	41850	45600	49800	52800	53850	55000	54650	54500	56250	45450
Lower Decile	0	0	29250	30850	31750	33150	33600	34800	35950	38100	40900	44750	46900	47250	48900	48100	49000	50450	37600
Mean	0	0	33850	35450	36200	38800	39700	42050	44200	47400	52200	57600	61900	62750	65400	63850	64750	66200	56400
Supporting Data																			
Total Number	8	36	67	91	112	131	126	129	128	443	482	630	573	522	443	366	254	449	4990
$125,000 or More	0	0	0	0	0	0	0	0	0	0	1	2	3	1	2	3	1	6	19
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: CONSULTING & ENGINEERING SERVICES, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	56400	58950	64050	71400	78000	83550	87850	90900	92800	93900	94650	87000
Upper Quartile	0	0	0	0	0	0	0	51750	54000	58500	64850	70400	74950	78300	80550	81850	82500	82600	75400
Median	0	0	0	0	0	0	0	48150	50050	53700	58850	63200	66700	69200	70800	71750	72150	72150	66400
Lower Quartile	0	0	0	0	0	0	0	42950	44800	48400	53300	57450	60600	62750	63950	64450	64500	63850	58900
Lower Decile	0	0	0	0	0	0	0	40100	41700	44750	48950	52400	54950	56700	57650	58050	58100	57600	52000
Mean	0	0	0	0	0	0	0	48450	50450	54350	59900	64750	68600	71500	73400	74500	75050	75200	68550
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	59400	0	63950	71450	75850	86050	86150	95350	90000	92800	94500	87000
Upper Quartile	0	0	0	0	0	0	0	55250	0	58700	63950	69250	76700	77400	84500	77700	83450	82400	75400
Median	0	0	0	0	0	0	0	48500	0	54100	58250	63050	67050	69900	71200	70250	70750	72900	66400
Lower Quartile	0	0	0	0	0	0	0	40450	0	49800	52450	57800	60550	63800	63000	63350	64200	64550	58900
Lower Decile	0	0	0	0	0	0	0	39000	0	45100	48900	52150	55250	57650	57400	56000	57650	58500	52000
Mean	0	0	0	0	0	0	0	49000	0	54650	59600	64100	69550	71400	74700	72200	74750	75650	68550
Supporting Data																			
Total Number	0	0	0	2	1	6	2	13	9	81	165	256	279	219	184	140	95	179	1631
$125,000 or More	0	0	0	0	0	0	0	0	0	0	1	0	3	1	2	2	1	4	14
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: CONSULTING & ENGINEERING SERVICES, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	38700	40550	42450	44350	46250	48150	50000	53650	58700	62950	66300	68650	70100	70900	71200	71000	64200
Upper Quartile	0	0	35700	37400	39150	40850	42600	44300	46000	49300	53750	57500	60300	62200	63350	63900	64000	63650	57800
Median	0	0	33250	34750	36250	37750	39250	40700	42200	45000	48850	52050	54500	56200	57300	57900	58100	58000	49750
Lower Quartile	0	0	31150	32400	33650	34900	36100	37350	38550	40850	44000	46650	48800	50400	51500	52200	52600	52900	41600
Lower Decile	0	0	29700	30700	31700	32700	33700	34650	35600	37400	39850	41950	43650	44950	45950	46600	47050	47550	35450
Mean	0	0	33800	35300	36750	38250	39700	41200	42600	45400	49250	52500	55050	56950	58200	58950	59350	59500	50450
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	39000	39250	41650	45600	45700	48900	51700	54200	57900	62800	65200	67300	71850	72750	70600	70650	64200
Upper Quartile	0	0	36450	36500	38800	40950	42700	44000	47450	49750	52600	57900	59600	62150	64650	63600	63750	63550	57800
Median	0	0	33350	34150	35750	37600	39450	41200	42850	45800	48100	51750	54150	56400	57300	57600	57500	58750	49750
Lower Quartile	0	0	31100	32250	33300	35100	36000	37800	38900	40900	43600	47150	48700	49550	51750	52400	52000	53300	41600
Lower Decile	0	0	29250	30800	31750	33100	33550	34500	36000	37500	39150	42600	43300	44600	47000	45900	46900	47700	35450
Mean	0	0	33850	35050	36150	38700	39650	41250	43350	45750	48350	53200	54600	56450	58850	58700	58750	59950	50450
Supporting Data																			
Total Number	8	36	67	89	111	125	124	116	119	362	317	374	294	303	259	226	159	270	3359
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	2	5
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: CONSULTING & ENGINEERING SERVICES, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	54350	60150	68700	76400	82650	87100	89750	91000	91200	90100	86200
Upper Quartile	0	0	0	0	0	0	0	0	47750	52500	59450	65700	70800	74600	77000	78300	78750	78400	73200
Median	0	0	0	0	0	0	0	0	45350	48800	53750	58100	61700	64500	66450	67800	68550	69150	63000
Lower Quartile	0	0	0	0	0	0	0	0	40900	43950	48250	52050	55100	57350	58950	59900	60450	60750	53900
Lower Decile	0	0	0	0	0	0	0	0	35900	38950	43300	47050	50050	52150	53500	54150	54350	54100	47400
Mean	0	0	0	0	0	0	0	0	46200	50250	56000	61050	65050	67950	69750	70700	71050	70800	65400
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	54500	59100	71200	78800	79700	85350	91750	92750	88250	90900	86200
Upper Quartile	0	0	0	0	0	0	0	0	50750	52500	56000	67150	68850	75150	78650	81650	75400	78000	73200
Median	0	0	0	0	0	0	0	0	46500	49200	52000	58800	59550	64350	68800	68750	68100	68200	63000
Lower Quartile	0	0	0	0	0	0	0	0	42100	43600	47000	53900	54250	57750	57800	61000	60450	60600	53900
Lower Decile	0	0	0	0	0	0	0	0	38750	37650	43050	48650	50150	51800	52750	54750	54150	54200	47400
Mean	0	0	0	0	0	0	0	0	46400	50300	55400	62200	64000	67100	70600	72250	69700	70750	65400
Supporting Data																			
Total Number	2	0	1	2	1	5	7	9	15	61	44	73	83	106	116	107	97	126	855
$125,000 or More	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	0	1	6
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

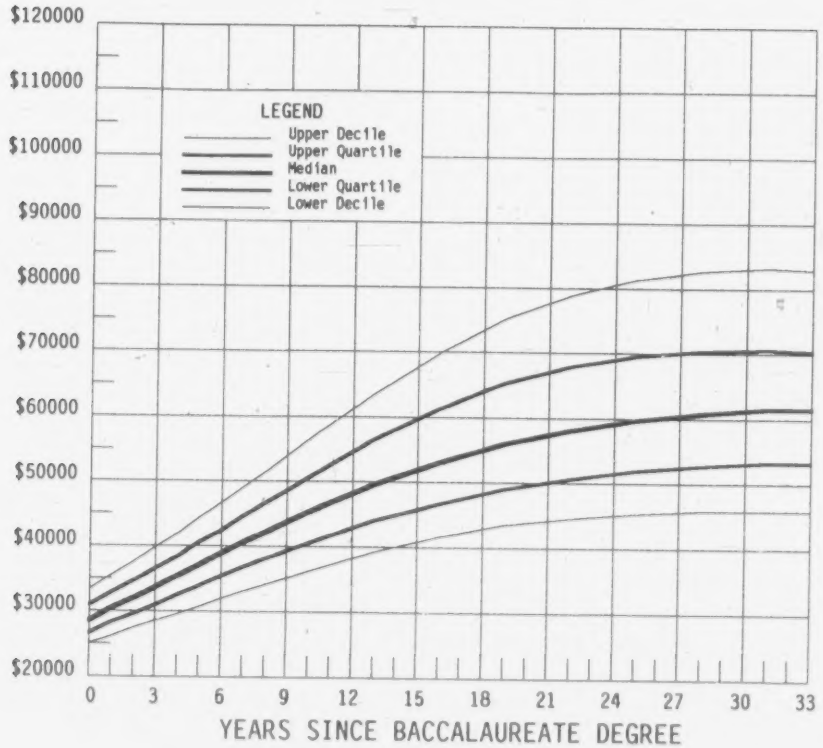
1990 ENGINEERING SALARY STATISTICS: CONSULTING & ENGINEERING SERVICES, SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	77900	86200	92600	96850	99050	99700	99350	97200	95650
Upper Quartile	0	0	0	0	0	0	0	0	0	0	69550	75200	79750	83050	85200	86450	86950	86950	84000
Median	0	0	0	0	0	0	0	0	0	0	55000	62650	69050	73700	76500	77650	77800	76300	73800
Lower Quartile	0	0	0	0	0	0	0	0	0	0	47750	54900	61100	65700	68600	69950	70200	69050	65400
Lower Decile	0	0	0	0	0	0	0	0	0	0	44100	51100	57050	61300	63700	64500	64250	62300	57850
Mean	0	0	0	0	0	0	0	0	0	0	58900	66500	72750	77200	79800	80850	80900	79400	76450
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	71200	94250	97000	90150	104000	96650	97350	99000	95650
Upper Quartile	0	0	0	0	0	0	0	0	0	0	66000	80600	77350	83450	86650	84700	84400	88350	84000
Median	0	0	0	0	0	0	0	0	0	0	53000	66000	68000	72400	78500	76800	76000	77000	73800
Lower Quartile	0	0	0	0	0	0	0	0	0	0	45500	59750	58650	64150	72000	68250	69000	69600	65400
Lower Decile	0	0	0	0	0	0	0	0	0	0	41600	56300	54300	60450	67200	61350	64600	62950	57850
Mean	0	0	0	0	0	0	0	0	0	0	55400	71450	72600	75300	82300	78700	78750	80800	76450
Supporting Data																			
Total Number	0	0	0	0	0	0	0	0	2	6	12	23	32	49	52	50	26	52	304
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	5
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: CONSULTING & ENGINEERING SERVICES, NON-SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	53400	57650	63650	68850	72900	75850	77700	78700	79050	78850	73550
Upper Quartile	0	0	0	0	0	0	0	0	48300	51750	56600	60700	64050	66500	68200	69200	69750	70000	66100
Median	0	0	0	0	0	0	0	0	46050	48500	51900	54900	57450	59500	61100	62300	63150	64200	57450
Lower Quartile	0	0	0	0	0	0	0	0	40700	43450	47200	50400	52850	54600	55700	56350	56600	56600	50900
Lower Decile	0	0	0	0	0	0	0	0	36250	38750	42250	45300	47750	49600	50850	51650	52050	52350	44400
Mean	0	0	0	0	0	0	0	0	46600	49500	53550	56950	59650	61700	63100	64000	64500	64800	59300
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	52100	56650	71200	69000	69800	74600	72800	86500	81500	76800	73550
Upper Quartile	0	0	0	0	0	0	0	0	48750	51750	55500	62500	62850	65850	67350	71000	70800	69000	66100
Median	0	0	0	0	0	0	0	0	45500	48600	51700	56350	56600	59250	59200	63150	65400	63200	57450
Lower Quartile	0	0	0	0	0	0	0	0	41400	42900	47600	51500	52850	54100	54000	57300	57650	56200	50900
Lower Decile	0	0	0	0	0	0	0	0	38450	37400	43400	47500	47100	48050	49550	53300	53050	51800	44400
Mean	0	0	0	0	0	0	0	0	45150	49500	55400	57950	58650	60100	61100	66650	66350	63700	59300
Supporting Data																			
Total Number	2	0	1	2	1	5	7	9	13	55	32	50	51	57	64	57	71	74	551
$125,000 or More	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

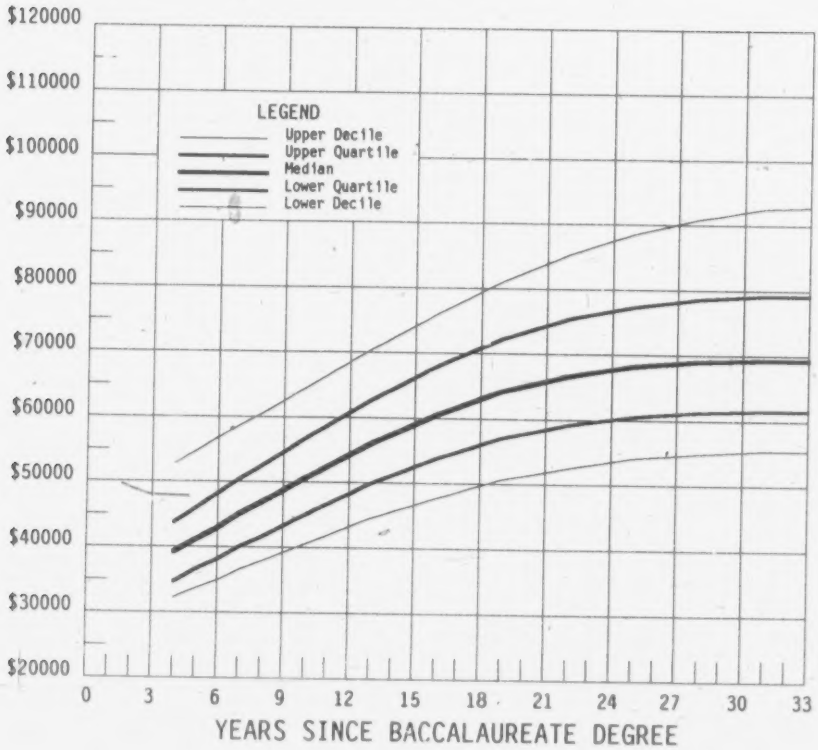
SALARY CURVES FOR ENGINEERS IN CONSULTING
ALL ENGINEERS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: CONSULTING

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	33350	35400	37500	39700	41950	44300	46650	49100	51550	56450	63600	69950	75150	78900	81350	82650	83100	82800	70650
Upper Quartile	30950	32700	34600	36500	38450	40450	42500	44550	46600	50700	56450	61400	65250	67950	69600	70350	70550	70000	59950
Median	28650	30300	32000	33700	35450	37150	38850	40500	42150	45300	49550	53150	56050	58250	59850	60900	61500	62050	49400
Lower Quartile	26700	28150	29600	31050	32500	33950	35350	36700	38050	40600	43950	46800	49050	50750	52000	52850	53350	53800	38650
Lower Decile	25050	26200	27350	28500	29650	30800	31950	33100	34200	36300	39150	41550	43350	44600	45400	45850	46000	45950	31850
Mean	29100	30650	32300	33950	35650	37400	39100	40850	42600	46050	50850	54950	58250	60600	62100	62900	63250	63100	50850
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	32800	34350	38100	41050	42450	44550	46800	49800	52150	55850	63200	69950	75350	78600	82250	79950	80100	85350	70650
Upper Quartile	31150	32400	34900	36450	38350	39900	42400	44900	46850	50700	56400	61850	65850	68150	68950	67850	67350	72300	59950
Median	29150	30400	32300	33400	34950	36350	37800	40300	41700	45750	49800	54200	57100	58900	59400	59650	59000	61450	49400
Lower Quartile	26900	28150	30150	30900	32300	33500	34300	36500	37800	40500	44300	47600	49850	50650	52400	52250	52050	53100	38650
Lower Decile	24150	26300	28300	28900	29650	30650	31400	33900	34350	35950	39000	41850	43800	43500	46100	45050	45500	46500	31850
Mean	28950	30450	32950	34300	35500	37100	38650	40900	42400	46050	50900	55300	58800	60300	62100	61200	61150	64550	50850
---------- Supporting Data ----------																			
Total Number	253	313	295	277	349	312	309	297	296	915	840	1029	914	728	582	482	388	784	9363
$125,000 or More	0	0	0	0	0	0	0	0	0	0	1	1	4	2	2	1	1	11	23
Less Than $22000	6	1	2	2	3	2	1	1	2	0	0	1	0	0	0	0	0	0	21

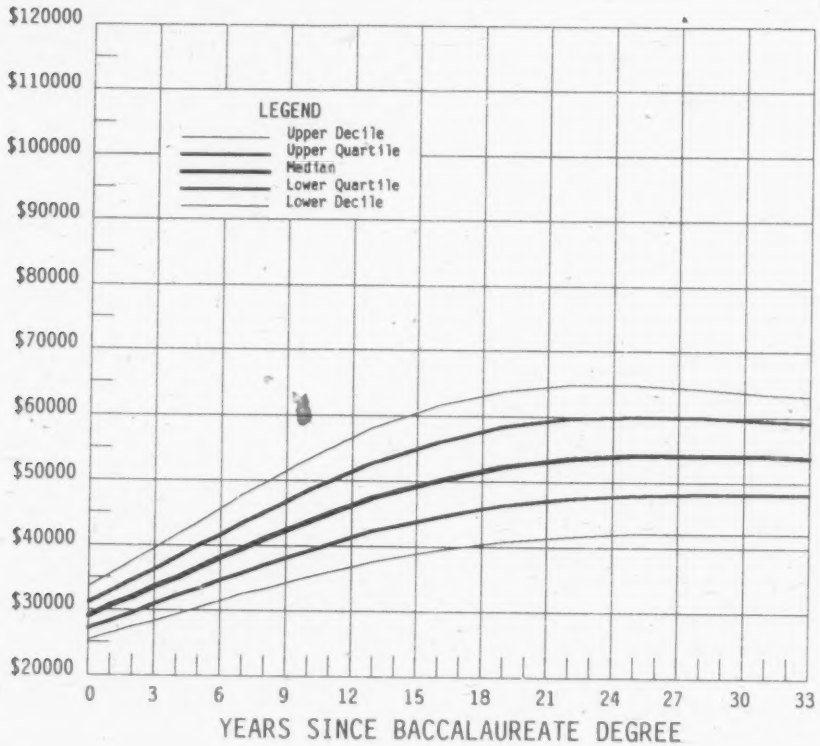
SALARY CURVES FOR ENGINEERS IN CONSULTING SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: CONSULTING, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	0	0	0	0	52900	54800	56700	58650	60650	64600	70500	76100	81100	85300	88600	90950	92500	93850	84450
Upper Quartile	0	0	0	0	43850	46000	48150	50300	52500	56750	62800	68050	72300	75400	77450	78600	79150	79150	72450
Median	0	0	0	0	39200	41100	43050	45000	46900	50700	56050	60600	64200	66700	68250	69050	69300	69000	63400
Lower Quartile	0	0	0	0	34750	36450	38200	39900	41650	45050	49750	53850	57000	59250	60650	61350	61550	61250	54550
Lower Decile	0	0	0	0	32200	33600	35000	36400	37850	40600	44450	47800	50550	52600	54000	54900	55400	55700	46650
Mean	0	0	0	0	40450	42350	44250	46200	48100	51850	57150	61800	65600	68400	70350	71500	72150	72400	64900
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	0	0	0	0	49400	60400	56400	58000	59750	65550	69700	75450	81100	86900	91600	89000	90050	93500	84450
Upper Quartile	0	0	0	0	43500	40700	50000	48800	55750	57850	62700	68350	72100	75550	77050	76650	77300	80750	72450
Median	0	0	0	0	40000	38650	42800	44550	48900	51100	55050	61500	64650	67450	67050	66600	66750	70850	63400
Lower Quartile	0	0	0	0	35000	34500	39300	39100	41250	45600	49400	54550	56550	60300	59950	59900	59300	62600	54550
Lower Decile	0	0	0	0	32800	32600	36800	36200	37300	40350	43850	48500	50700	52800	54350	53550	53450	56600	46650
Mean	0	0	0	0	40100	41200	44800	45150	48600	52400	56800	62200	65750	68900	70200	69250	69700	74000	64900
---------- Supporting Data ----------																			
Total Number	1	2	6	8	14	19	28	45	33	181	290	446	464	351	294	230	179	411	3002
$125,000 or More	0	0	0	0	0	0	0	0	0	0	1	1	4	2	2	1	1	11	23
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SALARY CURVES FOR ENGINEERS IN CONSULTING NON-SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: CONSULTING, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33600	35550	37500	39500	41550	43550	45600	47600	49550	53250	58050	61600	63800	64800	64900	64400	63550	61650	58900
Upper Quartile	31150	32850	34600	36350	38100	39900	41650	43400	45150	48400	52750	56100	58350	59650	60100	60000	59550	58300	52200
Median	29050	30550	32000	33500	35050	36550	38050	39550	41000	43750	47400	50250	52300	53550	54100	54250	54050	53300	43800
Lower Quartile	27100	28350	29600	30850	32150	33400	34650	35850	37050	39300	42300	44650	46350	47500	48100	48300	48300	47900	35100
Lower Decile	25250	26300	27350	28400	29450	30500	31500	32500	33450	35250	37600	39400	40700	41550	42000	42150	42150	41850	30450
Mean	29300	30750	32250	33750	35300	36800	38350	39800	41250	44000	47600	50400	52350	53500	54000	54000	53750	52900	44200
Raw (Unsmoothed) Statistics																			
Upper Decile	32800	34400	37850	41000	41900	44250	46100	49150	49950	53250	58550	59850	62550	63250	63450	64500	64650	63900	58900
Upper Quartile	31150	32400	34850	36200	38000	39750	41700	43750	45950	49200	53050	55400	57300	58600	58850	59900	59850	59900	52200
Median	29200	30400	32250	33300	34800	36250	37350	39800	41150	44650	47800	49850	51500	52650	53600	54750	54150	54000	43800
Lower Quartile	26900	28100	30100	30900	32200	33400	33950	36150	37500	39550	42500	44550	45900	46500	48300	48100	48100	48700	35100
Lower Decile	24150	26300	28250	28850	29600	30550	31050	33050	34200	35350	37100	39450	40750	39400	43750	40750	42850	42800	30450
Mean	28950	30450	32550	34150	35300	36850	38050	40100	41650	44500	47800	50000	51600	52300	53850	53900	53850	54100	44200
Supporting Data																			
Total Number	252	311	289	269	335	293	281	252	263	734	550	583	450	377	288	252	209	373	6361
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	6	1	2	2	3	2	1	1	2	0	0	1	0	0	0	0	0	0	21

1990 ENGINEERING SALARY STATISTICS: CONSULTING, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	33300	35350	37400	39600	41800	44100	46450	48800	51200	55950	62750	68700	73350	76650	78600	79550	79750	79050	67550
Upper Quartile	31100	32800	34600	36500	38350	40300	42250	44200	46150	50000	55350	59950	63500	65950	67400	68100	68250	67750	57150
Median	28900	30350	31900	33450	35000	36600	38200	39800	41350	44450	48650	52200	55000	56950	58150	58750	58950	58750	46950
Lower Quartile	26800	28100	29400	30700	32050	33350	34700	36000	37250	39750	43050	45850	47950	49400	50250	50700	50850	50700	36350
Lower Decile	24900	25950	27050	28150	29200	30300	31350	32400	33450	35400	38000	40150	41750	42900	43600	44000	44150	44100	30600
Mean	29100	30650	32200	33800	35400	37050	38700	40350	42000	45200	49650	53500	56500	58650	60050	60750	61100	60950	48350
Raw (Unsmoothed) Statistics																			
Upper Decile	32550	34100	37750	41350	42700	44000	45350	49950	52200	56200	62150	68500	71750	74900	75100	78450	77850	83600	67550
Upper Quartile	31000	32250	34700	36650	38450	39800	42900	45150	46700	50850	55150	59750	63750	64000	64800	66450	66550	70900	57150
Median	29050	30250	32150	33150	34750	36200	37500	39850	41150	45700	48800	52350	54650	55500	57450	59050	57600	59950	46950
Lower Quartile	26800	28000	30050	30500	31950	32650	33900	36200	37450	40150	43250	45850	48200	48450	50750	50150	49850	51300	36350
Lower Decile	24050	26250	28100	28350	29150	30300	30800	32800	33150	35250	37750	40650	42600	41400	44350	42150	44400	44700	30600
Mean	28800	30300	32750	34050	35350	36700	38650	40600	42150	46000	49550	53600	56200	57300	59150	59800	59600	62950	48350
Supporting Data																			
Total Number	243	282	241	204	261	210	215	204	200	603	523	621	505	404	322	273	248	533	6092
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	7	11
Less Than $22000	6	1	2	2	3	2	1	1	2	0	0	1	0	0	0	0	0	0	21

1990 ENGINEERING SALARY STATISTICS: CONSULTING, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	52350	54300	56200	58150	60050	63850	69200	74100	78350	81900	84700	86850	88450	90500	80350
Upper Quartile	0	0	0	0	44350	46350	48350	50400	52400	56300	61800	66550	70400	73250	75200	76350	76950	77200	70550
Median	0	0	0	0	39500	41250	43000	44700	46450	49800	54450	58500	61750	64150	65750	66750	67250	67450	61100
Lower Quartile	0	0	0	0	35150	36600	38050	39550	41000	43800	47750	51200	54000	56150	57700	58700	59300	59800	51700
Lower Decile	0	0	0	0	32650	33850	35000	36200	37350	39650	42800	45600	47950	49850	51250	52300	53000	53800	43500
Mean	0	0	0	0	41150	42800	44450	46100	47750	50950	55450	59500	62850	65500	67500	68900	69800	70800	62300
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	49400	62000	56800	52100	59300	66650	68300	75150	76700	85300	82700	85200	84850	92650	80350
Upper Quartile	0	0	0	0	43500	40550	50500	48000	55600	57900	61700	67650	69550	73500	72100	76000	74900	79300	70550
Median	0	0	0	0	40000	38300	42800	44000	48100	50300	53500	59950	62500	64300	63300	64350	64600	69800	61100
Lower Quartile	0	0	0	0	35000	34500	39250	38000	41250	44600	47600	52000	53400	56400	56850	58450	57000	61100	51700
Lower Decile	0	0	0	0	32800	32500	36600	35600	37900	39400	42600	45700	48200	50500	51850	51350	49700	55000	43500
Mean	0	0	0	0	40100	41450	45000	44300	48350	52050	55050	60700	62350	66000	65750	67700	67150	72800	62300
Supporting Data																			
Total Number	1	2	6	7	14	15	26	36	29	127	164	243	234	175	163	128	123	267	1760
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	7	11
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: CONSULTING, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	32250	34800	37350	39850	42250	44550	46700	48700	50550	53750	57450	59950	61550	62550	63150	63450	63600	63700	57450
Upper Quartile	30500	32550	34550	36550	38500	40400	42200	43900	45500	48400	51900	54550	56400	57600	58400	58850	59100	59250	50600
Median	28650	30300	31900	33500	35100	36600	38100	39500	40850	43300	46400	48800	50550	51750	52550	53050	53350	53500	41900
Lower Quartile	26700	28050	29400	30750	32000	33250	34450	35600	36700	38700	41250	43200	44700	45750	46450	46900	47150	47350	33500
Lower Decile	25000	26000	27000	28000	29000	29950	30900	31800	32700	34350	36500	38150	39350	40100	40500	40650	40650	40350	29450
Mean	29100	30550	32050	33500	35000	36500	38000	39450	40850	43550	47000	49650	51450	52500	52850	52800	52500	51550	42700
Raw (Unsmoothed) Statistics																			
Upper Decile	32550	34100	37450	41300	41900	43750	46800	49550	49800	53750	58150	59200	62050	62000	62550	64600	63850	63600	57450
Upper Quartile	31000	32200	34600	36400	38000	39700	41950	43850	45750	49400	52550	54450	56050	56550	57750	60300	58450	58950	50600
Median	29100	30200	32050	33000	34550	36100	36900	39250	40500	44700	47350	49100	50800	50850	52300	52750	52500	52650	41900
Lower Quartile	26800	28000	30000	30500	31800	32450	33450	35800	36900	39100	41750	43500	45250	45100	47250	45750	46050	47150	33500
Lower Decile	24000	26250	28100	28300	29050	30200	30350	31950	32600	34750	35400	38700	40200	37600	42250	39150	40600	41300	29450
Mean	28800	30300	32300	33900	35100	36350	37800	39800	41050	44400	47050	49050	50900	50650	52400	52850	52150	53050	42700
Supporting Data																			
Total Number	242	280	235	197	247	195	189	168	171	476	359	378	271	229	159	145	125	266	4332
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	6	1	2	2	3	2	1	1	2	0	0	1	0	0	0	0	0	0	21

1990 ENGINEERING SALARY STATISTICS: CONSULTING, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	37900	40050	42300	44550	46900	49250	51650	56450	63600	70350	76250	81150	84850	87400	89000	90300	73950
Upper Quartile	0	0	34100	36100	38150	40300	42450	44650	46850	51250	57500	62900	67150	70050	71700	72400	72400	71550	63200
Median	0	0	31750	33500	35350	37200	39100	40950	42850	46550	51650	55950	59200	61250	62350	62700	62550	61600	53300
Lower Quartile	0	0	30050	31550	33100	34650	36150	37650	39100	41900	45700	48900	51450	53400	54700	55600	56100	56500	43000
Lower Decile	0	0	28800	30000	31200	32400	33550	34700	35850	38000	41000	43550	45650	47300	48550	49400	49900	50400	35450
Mean	0	0	32550	34350	36200	38050	39900	41700	43550	47100	52100	56450	60050	62800	64750	66000	66750	67300	54650
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	39000	40100	41950	45350	45000	49650	51250	55100	64400	70700	79550	81250	88550	80750	86600	88500	73950
Upper Quartile	0	0	35900	35900	38000	40000	41150	44300	46900	50300	58750	63450	67600	70950	72150	68950	67800	74150	63200
Median	0	0	32800	33800	35200	36600	38450	41200	42250	46000	51950	56900	59700	62150	61300	59900	60900	63400	53300
Lower Quartile	0	0	30600	32000	33050	34550	35150	37650	38450	41100	46350	49850	52100	54350	54100	54100	53800	56250	43000
Lower Decile	0	0	28950	30650	31250	32450	32550	34700	35500	37400	41250	44750	45650	47500	48300	47700	49200	51000	35450
Mean	0	0	33400	34950	35800	37950	38750	41550	42850	46150	53200	57250	61600	63450	65300	62300	63200	67500	54650
Supporting Data																			
Total Number	8	31	53	72	88	100	90	89	89	286	299	379	368	272	218	184	111	211	2948
$125,000 or More	0	0	0	0	0	0	0	0	0	0	1	0	3	1	1	0	0	4	10
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: CONSULTING, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	62350	70500	77900	84150	88850	92000	93900	94750	94900	87350
Upper Quartile	0	0	0	0	0	0	0	0	0	56850	63550	69550	74450	78150	80600	82050	82750	82900	74300
Median	0	0	0	0	0	0	0	0	0	52400	57750	62350	66000	68600	70250	71100	71450	71300	65500
Lower Quartile	0	0	0	0	0	0	0	0	0	48050	52850	56900	60000	62200	63500	64150	64350	64000	58200
Lower Decile	0	0	0	0	0	0	0	0	0	44200	48250	51700	54350	56200	57350	57950	58150	58000	51600
Mean	0	0	0	0	0	0	0	0	0	53350	59050	64100	68150	71200	73250	74450	75050	75250	67850
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	62400	72000	74900	86500	87450	97350	90300	92500	95250	87350
Upper Quartile	0	0	0	0	0	0	0	0	0	57450	63450	68550	75450	77000	85950	76250	86450	82800	74300
Median	0	0	0	0	0	0	0	0	0	52100	57700	62650	65850	69650	70450	68150	70000	72650	65500
Lower Quartile	0	0	0	0	0	0	0	0	0	48150	52400	57200	59950	63200	63200	61750	65100	64650	58200
Lower Decile	0	0	0	0	0	0	0	0	0	43000	49150	51950	54200	55750	58050	55200	61200	58400	51600
Mean	0	0	0	0	0	0	0	0	0	52950	59600	63450	68800	71100	75250	70500	74550	76350	67850
Supporting Data																			
Total Number	0	0	0	1	0	4	2	9	3	50	120	188	207	146	107	87	45	118	1087
$125,000 or More	0	0	0	0	0	0	0	0	0	0	1	0	3	1	1	0	0	4	10
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

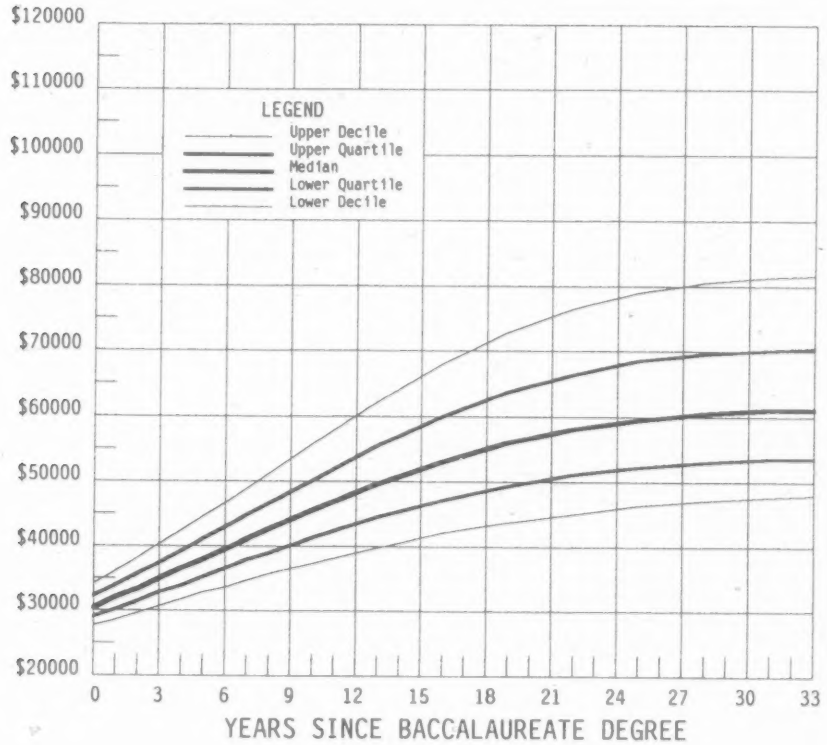
1990 ENGINEERING SALARY STATISTICS: CONSULTING, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	38550	40400	42300	44150	46000	47850	49650	53100	57600	61150	63600	65000	65600	65600	65300	64150	59950
Upper Quartile	0	0	34750	36550	38300	40100	41900	43650	45400	48700	53050	56500	58850	60200	60750	60700	60300	59150	54550
Median	0	0	32500	34000	35500	37050	38550	40050	41550	44350	48150	51150	53400	54800	55550	55800	55750	55200	46900
Lower Quartile	0	0	30650	31900	33200	34450	35650	36900	38100	40350	43450	45950	47950	49300	50200	50700	50950	50950	38650
Lower Decile	0	0	29550	30500	31400	32300	33200	34100	34950	36600	38900	40850	42500	43850	44850	45650	46200	46850	33650
Mean	0	0	33300	34750	36250	37750	39200	40650	42050	44750	48300	51150	53300	54650	55400	55700	55700	55250	46950
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	39000	39900	41950	45150	44800	48500	50300	52550	59150	60000	62950	64700	69250	64300	63800	64400	59950
Upper Quartile	0	0	35900	35800	38000	39900	41000	43600	46500	48950	53750	56700	58100	59950	60050	59350	60200	60900	54550
Median	0	0	32800	33750	35200	36500	38350	41000	42150	44700	48350	50800	52450	55800	54550	55750	55050	56450	46900
Lower Quartile	0	0	30600	31950	33050	34550	35050	37200	38500	40350	43700	46650	47150	48900	49400	50400	51750	52000	38650
Lower Decile	0	0	28950	30650	31250	32400	32500	34500	35650	36950	39250	41250	41050	42800	45050	45150	47250	48000	33650
Mean	0	0	33400	34850	35800	37850	38700	40800	42650	44750	48900	51200	52350	54600	55700	54900	55450	56250	46950
Supporting Data																			
Total Number	8	31	53	71	88	96	88	80	86	236	179	191	161	126	111	97	66	93	1861
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: CONSULTING, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	0	0	0	0	0	0	0	0	0	57500	67700	77150	84750	89850	92350	92900	92150	89050	86400
Upper Quartile	0	0	0	0	0	0	0	0	0	51850	58800	64950	69950	73450	75550	76500	76700	75850	70550
Median	0	0	0	0	0	0	0	0	0	45500	51600	57000	61200	64050	65700	66300	66250	65150	60750
Lower Quartile	0	0	0	0	0	0	0	0	0	38950	44950	50350	54600	57450	59000	59450	59250	57850	52800
Lower Decile	0	0	0	0	0	0	0	0	0	37400	42250	46500	49850	52100	53350	53800	53750	52900	42400
Mean	0	0	0	0	0	0	0	0	0	46400	53550	59850	64800	68000	69600	69900	69500	67550	63000
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	0	0	0	0	0	0	0	0	0	56800	64800	90250	79850	87000	93000	96250	90500	90000	86400
Upper Quartile	0	0	0	0	0	0	0	0	0	51500	55500	70350	71650	72000	74800	75000	71500	80000	70550
Median	0	0	0	0	0	0	0	0	0	45000	50000	61500	60650	64000	66000	62350	63650	68000	60750
Lower Quartile	0	0	0	0	0	0	0	0	0	37800	44750	56700	53950	57150	56400	57250	57650	60900	52800
Lower Decile	0	0	0	0	0	0	0	0	0	36250	41800	52700	50100	50200	51800	52500	52700	55250	42400
Mean	0	0	0	0	0	0	0	0	0	45650	52450	65000	65050	66850	68400	68500	66900	70250	63000
---------- Supporting Data ----------																			
Total Number	2	0	1	1	0	2	4	4	7	26	18	29	41	52	42	25	29	40	323
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

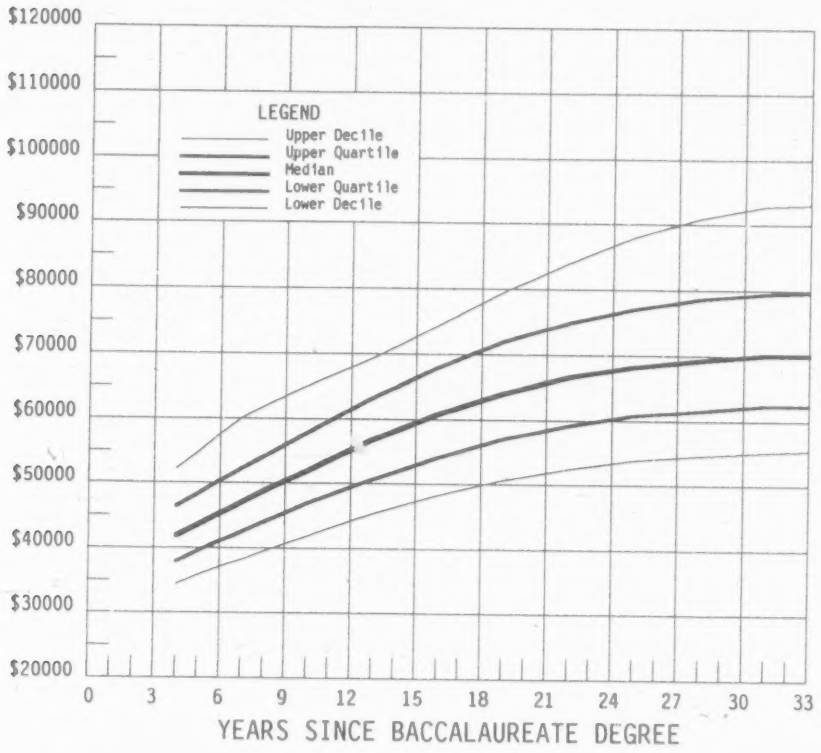
SALARY CURVES FOR ENGINEERS IN OTHER ENGINEERING SERVICES
ALL ENGINEERS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: OTHER ENGINEERING SERVICES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34200	36100	38100	40200	42300	44450	46650	48900	51150	55650	62150	67950	72800	76500	79050	80600	81400	81800	71200
Upper Quartile	32200	33900	35600	37400	39200	41000	42850	44700	46550	50250	55400	59950	63650	66450	68400	69600	70200	70550	60900
Median	30500	32000	33450	34950	36500	38000	39550	41050	42550	45500	49600	53150	56000	58150	59600	60550	61050	61400	50900
Lower Quartile	29050	30250	31500	32750	34000	35250	36500	37750	38950	41250	44450	47200	49450	51100	52300	53100	53600	54000	41200
Lower Decile	27600	28650	29700	30700	31750	32750	33700	34700	35600	37400	39850	42000	43750	45200	46350	47150	47750	48400	34600
Mean	30800	32300	33800	35350	36900	38450	40050	41600	43200	46250	50600	54400	57500	59900	61650	62800	63450	64050	52450
Raw (Unsmoothed) Statistics																			
Upper Decile	33950	35650	38100	40900	42500	45200	46250	49600	51450	55250	61150	68300	73800	76050	79750	79500	81250	82100	71200
Upper Quartile	32500	33550	36050	37150	39300	40900	42700	44750	46750	50050	54800	60350	64300	66300	69350	69300	69300	70500	60900
Median	31000	31600	33800	34550	36700	38100	39200	40800	42550	45500	49450	53000	56350	58550	60100	60550	60650	61100	50900
Lower Quartile	29500	29600	31650	32550	34400	35450	36300	38100	38600	41200	44400	47050	49450	51150	53100	53050	53700	53650	41200
Lower Decile	28150	27350	30100	30800	32100	33000	33550	35100	35950	37400	39400	41950	43250	45500	47500	47150	48000	47850	34600
Mean	31000	31750	34250	35350	37100	38700	39700	41750	43200	46050	50050	54700	57850	59800	62700	62450	63250	63750	52450
Supporting Data																			
Total Number	341	376	360	412	484	477	464	477	501	1521	1384	1645	1426	1406	1140	1091	894	1568	15967
$125,000 or More	0	0	0	0	0	0	0	0	0	1	1	3	4	1	7	6	4	14	41
Less Than $22000	3	1	1	1	2	2	1	0	1	0	0	0	0	0	0	0	0	0	12

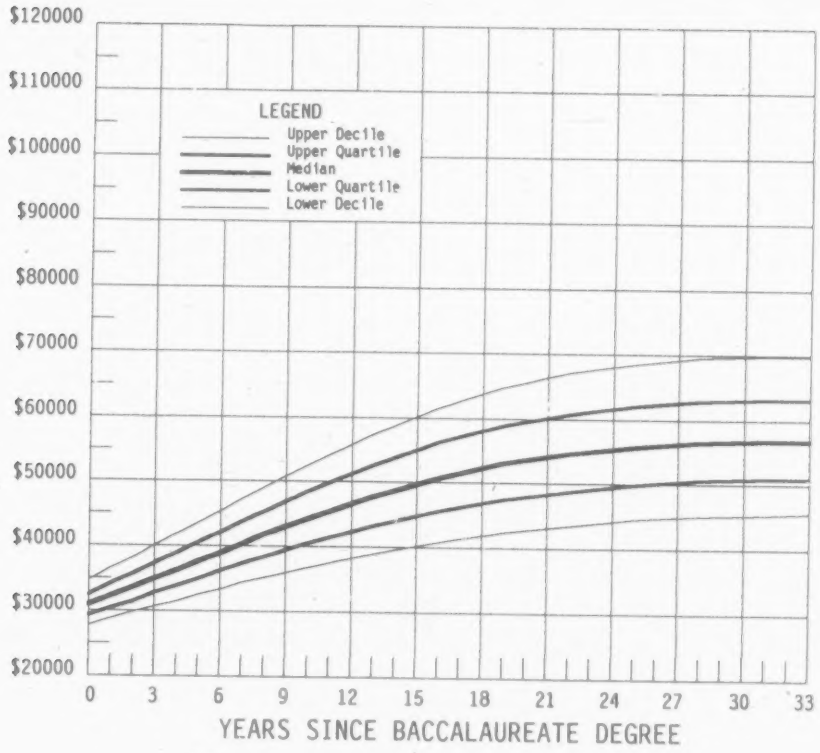
SALARY CURVES FOR ENGINEERS IN OTHER ENGINEERING SERVICES SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: OTHER ENGINEERING SERVICES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	52250	54800	57450	60000	62650	65200	69350	74300	79400	84100	88000	90850	92700	94250	84400
Upper Quartile	0	0	0	0	46400	48350	50300	52250	54200	57950	63300	68000	71900	74950	77200	78700	79600	80500	73800
Median	0	0	0	0	41750	43500	45250	47000	48700	52100	56750	60800	64100	66550	68300	69400	70050	70500	64450
Lower Quartile	0	0	0	0	37950	39500	41000	42500	43950	46850	50800	54250	57050	59200	60700	61700	62300	62800	56050
Lower Decile	0	0	0	0	34350	35650	36950	38250	39500	41950	45350	48250	50650	52500	53850	54750	55300	55800	48800
Mean	0	0	0	0	44200	45650	47150	48650	50200	53200	57550	61600	65150	68050	70300	71900	72950	73850	66200
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	76000	68800	57200	61750	62600	64050	67250	76400	80750	83750	89650	88800	92550	93000	84400
Upper Quartile	0	0	0	0	48500	49250	51750	50950	55400	58250	61800	68450	72200	75300	77800	77250	80850	80150	73800
Median	0	0	0	0	44000	43400	45500	46300	49000	52350	55600	61350	64600	66800	68350	69000	67950	71350	64450
Lower Quartile	0	0	0	0	39500	40500	42350	42050	44000	46000	50800	54550	57050	60050	60350	61200	61100	63350	56050
Lower Decile	0	0	0	0	36000	37600	40550	37150	37600	41000	46350	47950	50850	52800	54500	52060	55400	56200	48800
Mean	0	0	0	0	46550	47700	47600	47500	50150	52800	56650	62350	65750	67900	71100	70700	72500	73850	66200
Supporting Data																			
Total Number	0	0	8	6	10	18	17	47	44	209	348	540	583	527	467	406	314	548	4092
$125,000 or More	0	0	0	0	0	0	0	0	0	0	1	1	4	1	7	5	4	10	33
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SALARY CURVES FOR ENGINEERS IN OTHER ENGINEERING SERVICES NON-SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: OTHER ENGINEERING SERVICES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34700	36400	38150	39950	41750	43600	45400	47250	49050	52550	57400	61500	64750	67100	68650	69550	69950	69950	62450
Upper Quartile	32550	34100	35700	37300	38900	40550	42150	43800	45350	48450	52650	56150	58900	60900	62150	62850	63150	63150	55100
Median	30850	32200	33550	34950	36300	37700	39050	40400	41750	44300	47750	50650	52950	54650	55750	56450	56800	57000	46900
Lower Quartile	29300	30450	31600	32750	33900	35050	36200	37300	38350	40450	43250	45600	47500	48900	49900	50550	50950	51300	38600
Lower Decile	27850	28800	29750	30700	31600	32500	33400	34300	35150	36800	39000	40850	42400	43550	44400	45000	45450	45900	33300
Mean	31100	32450	33800	35200	36600	37950	39350	40700	42050	44650	48200	51200	53550	55350	56550	57300	57750	58000	47750
Raw (Unsmoothed) Statistics																			
Upper Decile	33950	35650	37750	40650	42000	44700	45900	48500	49900	52750	57000	60850	62750	65650	69300	70150	70950	70750	62450
Upper Quartile	32500	33550	35900	37050	39150	40700	42300	43800	46100	49000	52250	55700	57900	60550	62350	63150	63850	63300	55100
Median	31000	31600	33700	34500	36650	37900	39000	40450	42150	44800	47650	50200	52050	54650	55550	56650	57100	57250	46900
Lower Quartile	29500	29600	31600	32550	34350	35350	36200	38000	38400	40750	43150	45250	46400	48600	50450	50850	51500	51350	38600
Lower Decile	28150	27350	30100	30800	32050	32900	33450	34900	35800	37000	38200	40750	41250	43700	45450	45100	45950	45700	33300
Mean	31000	31750	33800	35200	36900	38350	39400	41150	42550	45000	47850	51000	52350	54900	56900	57550	58250	58300	47750
Supporting Data																			
Total Number	341	376	352	406	474	459	447	430	457	1312	1035	1105	843	879	673	685	580	1020	11875
$125,000 or More	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	1	0	4	8
Less Than $22000	3	1	1	1	2	2	1	0	1	0	0	0	0	0	0	0	0	0	12

1990 ENGINEERING SALARY STATISTICS: OTHER ENGINEERING SERVICES, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34300	36150	38050	40000	42000	44000	46100	48150	50250	54350	60250	65450	69750	73000	75300	76700	77450	77900	66750
Upper Quartile	32300	33900	35550	37200	38900	40600	42350	44050	45750	49100	53800	57850	61150	63600	65300	66350	66950	67250	57200
Median	30700	32050	33450	34800	36200	37600	39000	40400	41750	44400	48050	51200	53750	55650	57000	57900	58400	58800	47650
Lower Quartile	29250	30350	31500	32650	33750	34850	36000	37100	38150	40200	43050	45500	47500	49050	50200	51000	51500	52100	38650
Lower Decile	27900	28800	29700	30550	31450	32350	33200	34050	34850	36450	38650	40550	42200	43500	44550	45350	45900	46650	33100
Mean	30950	32300	33750	35150	36600	38050	39450	40900	42350	45100	48950	52350	55150	57350	58900	60000	60650	61350	49300
Raw (Unsmoothed) Statistics																			
Upper Decile	33750	35300	37850	41050	42550	45100	46050	49400	50600	54050	59650	66150	68500	72700	73800	74750	79000	79450	66750
Upper Quartile	32300	33300	35850	37100	39200	40750	42050	44600	46200	49100	53750	57850	60900	63200	65400	65550	66750	68000	57200
Median	30900	31450	33650	34450	36700	38050	38800	40450	41750	44500	48300	50950	53250	55700	57300	57600	58500	59000	47650
Lower Quartile	29450	29550	31500	32500	34350	35250	36000	37650	38050	40250	43200	45000	46600	49250	51050	50700	52100	52000	38650
Lower Decile	28150	27400	30050	30750	31850	32650	33150	34900	35500	36550	38100	40450	41250	43800	45350	44950	46350	46700	33100
Mean	30750	31550	34100	35300	37050	38550	39350	41500	42550	45050	48700	52400	54450	57300	59150	59100	61250	61800	49300
Supporting Data																			
Total Number	329	348	314	347	398	369	353	369	365	1062	901	965	849	799	617	614	541	985	10525
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	0	1	3	1	3	8	17
Less Than $22000	3	1	1	1	2	2	1	2	1	0	0	0	0	0	0	0	0	0	12

1990 ENGINEERING SALARY STATISTICS: OTHER ENGINEERING SERVICES, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	60750	60900	61300	61950	63800	67500	71850	76400	80600	84200	86900	88700	90350	80300
Upper Quartile	0	0	0	0	0	51150	52150	53250	54450	56950	60950	64950	68650	71750	74150	75850	76950	77800	70550
Median	0	0	0	0	0	43750	45200	46650	48100	50850	54750	58150	61000	63300	65050	66300	67200	68200	61650
Lower Quartile	0	0	0	0	0	39650	40850	42000	43150	45350	48450	51250	53700	55700	57350	58650	59600	60900	53300
Lower Decile	0	0	0	0	0	37100	37400	37800	38300	39600	42000	44650	47200	49500	51300	52600	53450	54150	45600
Mean	0	0	0	0	0	46350	47250	48250	49300	51550	55100	58700	62000	64900	67200	68900	70000	71000	63200
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	70400	57200	61200	59450	63900	65150	75350	76550	80400	81000	85550	90700	91200	80300
Upper Quartile	0	0	0	0	0	58000	51750	49900	53500	57850	59650	66900	68150	72500	71900	74000	78900	78550	70550
Median	0	0	0	0	0	44000	45500	46050	48350	50950	54100	58850	61300	63400	64800	65250	66250	69050	61650
Lower Quartile	0	0	0	0	0	40250	42350	42350	42500	44200	49100	51600	53600	55800	57600	57700	59050	61400	53300
Lower Decile	0	0	0	0	0	36800	40550	36750	37600	39400	43050	43800	47100	49800	53050	50850	54050	53850	45600
Mean	0	0	0	0	0	49000	47600	47000	48700	51650	54400	60000	61750	65050	66450	67050	70750	71850	63200
Supporting Data																			
Total Number	0	0	8	5	9	14	17	41	34	142	204	296	316	292	256	220	203	346	2403
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	1	0	1	3	1	3	6	15
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: OTHER ENGINEERING SERVICES, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	34500	36200	37950	39700	41500	43300	45050	46800	48550	51900	56400	60100	62900	64800	65850	66350	66400	66000	59350
Upper Quartile	32450	33950	35500	37050	38600	40150	41700	43250	44750	47650	51550	54750	57200	58900	59950	60450	60650	60450	52250
Median	30850	32150	33450	34750	36050	37350	38650	39900	41150	43500	46650	49250	51300	52750	53700	54250	54550	54650	44250
Lower Quartile	29400	30450	31500	32600	33650	34650	35700	36700	37700	39550	42100	44200	45950	47250	48200	48850	49250	49700	36750
Lower Decile	28000	28850	29700	30500	31350	32150	32950	33700	34450	35900	37800	39450	40800	41900	42700	43300	43700	44250	32150
Mean	31000	32300	33650	34950	36250	37550	38850	40150	41400	43750	47000	49650	51750	53250	54250	54900	55200	55350	45200
Raw (Unsmoothed) Statistics																			
Upper Decile	33750	35300	37550	40850	41850	44450	45450	48200	49450	52000	56650	59000	60600	63300	64550	66250	67400	68000	59350
Upper Quartile	32300	33300	35650	37000	39050	40550	41450	43550	45450	48100	51700	53850	56000	58500	59350	60700	60700	61350	52250
Median	30900	31450	33550	34400	36600	37400	38550	40050	41300	43900	46850	48700	50100	52550	53350	54150	54950	55300	44250
Lower Quartile	29450	29550	31450	32450	34300	35150	35800	37450	37850	39850	42150	43650	44300	47150	48300	48600	50150	50250	36750
Lower Decile	28150	27400	30050	30700	31750	32550	33050	34700	35250	36200	37100	39150	39050	41850	43850	43250	44850	44300	32150
Mean	30750	31550	33600	35200	36800	38100	38950	40800	41900	44050	47000	49050	50100	52850	54000	54700	55550	56400	45200
Supporting Data																			
Total Number	329	348	306	342	389	355	336	328	331	920	697	669	533	507	361	394	338	639	8122
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
Less Than $22000	3	1	1	1	2	2	1	0	1	0	0	0	0	0	0	0	0	0	12

1990 ENGINEERING SALARY STATISTICS: OTHER ENGINEERING SERVICES, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	37700	39950	42250	44650	47100	49600	52100	57150	64500	71050	76350	80250	82700	84000	84450	84000	75250
Upper Quartile	0	0	35600	37550	39500	41500	43550	45650	47700	51800	57550	62600	66550	69400	71200	72150	72450	72150	64600
Median	0	0	33300	35000	36750	38500	40300	42050	43800	47250	51950	55950	59000	61050	62300	62850	62950	62500	55550
Lower Quartile	0	0	31750	33200	34600	36050	37500	38900	40300	43000	46700	49850	52300	54050	55200	55850	56150	56150	46700
Lower Decile	0	0	30200	31450	32650	33900	35100	36250	37400	39550	42500	44950	46950	48450	49550	50250	50700	51050	39350
Mean	0	0	33750	35500	37250	39050	40850	42700	44500	48050	53050	57350	60750	63200	64750	65600	65900	65800	57150
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	39750	39300	42150	45000	45950	50100	52800	56850	63000	70850	79400	78650	87450	81000	84200	83400	75250
Upper Quartile	0	0	37300	37100	39600	41750	43400	44400	47500	51850	56600	62750	68100	69400	71900	71900	70550	72250	64600
Median	0	0	34900	35000	36750	38050	40050	41650	43700	47350	50900	56200	60150	61500	62350	62300	62300	62400	55550
Lower Quartile	0	0	32650	32850	34500	35900	37400	39200	40400	42900	46300	49800	53250	54100	55050	55650	55300	56400	46700
Lower Decile	0	0	30600	31250	32750	34400	34900	35950	36800	39450	42050	45100	48650	47800	49850	50300	50500	50250	39350
Mean	0	0	35050	35600	37250	39050	40300	42500	44600	47800	52150	57500	62600	62550	65750	64850	65200	65650	57150
Supporting Data																			
Total Number	11	28	45	63	85	103	104	99	116	391	431	588	481	487	391	344	248	435	4450
$125,000 or More	0	0	0	0	0	0	0	0	0	0	1	2	4	0	3	4	1	5	20
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: OTHER ENGINEERING SERVICES, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	63650	70950	77500	83050	87400	90500	92500	93700	94600	86750
Upper Quartile	0	0	0	0	0	0	0	0	0	57550	64350	70350	75150	78550	80700	81800	82150	81750	75600
Median	0	0	0	0	0	0	0	0	0	53800	58900	63250	66750	69300	71000	71950	72450	72550	66850
Lower Quartile	0	0	0	0	0	0	0	0	0	49150	53850	57800	60900	63000	64300	64950	65150	64850	59750
Lower Decile	0	0	0	0	0	0	0	0	0	46600	50350	53400	55800	57450	58500	59100	59350	59300	53100
Mean	0	0	0	0	0	0	0	0	0	54500	60200	65100	69050	71950	73850	74950	75450	75500	69300
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	64600	70500	76500	84800	84400	96250	89750	93650	94350	86750
Upper Quartile	0	0	0	0	0	0	0	0	0	58600	63700	69550	76200	77050	85000	78400	83850	81350	75600
Median	0	0	0	0	0	0	0	0	0	54500	58100	63100	67250	69800	71250	70950	71100	73200	66850
Lower Quartile	0	0	0	0	0	0	0	0	0	50250	52500	57950	61350	64100	63450	64050	64600	65350	59750
Lower Decile	0	0	0	0	0	0	0	0	0	47150	50050	52600	56400	59350	57350	58150	58050	60100	53100
Mean	0	0	0	0	0	0	0	0	0	55000	59750	64600	70250	71050	75300	73300	75500	75750	69300
Supporting Data																			
Total Number	0	0	0	1	1	4	0	6	9	64	136	220	236	195	160	133	86	154	1405
$125,000 or More	0	0	0	0	0	0	0	0	0	0	1	0	4	0	3	3	1	3	15
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: OTHER ENGINEERING SERVICES, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	38950	40700	42500	44300	46100	47900	49700	53200	58050	62200	65600	68150	69850	70950	71550	71900	64200
Upper Quartile	0	0	36350	38000	39650	41350	43000	44650	46250	49400	53650	57250	60000	61900	63150	63800	64050	63950	58300
Median	0	0	34200	35600	37050	38500	39900	41350	42700	45400	49050	52150	54550	56350	57550	58300	58700	58900	50800
Lower Quartile	0	0	32350	33550	34800	36050	37250	38450	39600	41850	44900	47500	49550	51050	52100	52800	53200	53500	43400
Lower Decile	0	0	30450	31600	32700	33800	34850	35900	36900	38850	41400	43550	45150	46300	47050	47500	47700	47750	37350
Mean	0	0	34500	35950	37400	38850	40300	41750	43150	45900	49650	52850	55400	57300	58600	59400	59850	60100	51550
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	39750	38600	42000	44800	45950	48850	51000	54150	56900	62200	63950	67200	71500	73100	71100	71450	64200
Upper Quartile	0	0	37300	37000	39500	41450	43400	43900	46750	49950	52550	57600	59400	62000	64250	63800	63950	63600	58300
Median	0	0	34900	34900	36700	37900	40050	41550	43350	46200	48450	51800	54250	56650	57550	58150	58700	59100	50800
Lower Quartile	0	0	32650	32800	34500	35800	37400	39100	40150	42200	44600	47200	50250	49900	52200	53450	53400	53500	43400
Lower Decile	0	0	30600	31200	32750	34350	34900	35750	36800	39000	40600	43700	45600	45750	48000	47650	48550	47000	37350
Mean	0	0	35050	35100	37200	38900	40300	41950	43700	46400	48650	53250	55250	56900	59150	59500	59700	60100	51550
Supporting Data																			
Total Number	11	28	45	62	84	99	104	93	107	327	295	368	245	292	231	211	162	281	3045
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	2	5
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: OTHER ENGINEERING SERVICES, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	54250	59350	66800	73500	79100	83350	86200	87900	88700	88900	83600
Upper Quartile	0	0	0	0	0	0	0	0	48150	52650	59200	65050	69800	73300	75600	76900	77400	77250	72500
Median	0	0	0	0	0	0	0	0	45250	49500	54050	58050	61400	64000	65950	67250	68100	68900	63000
Lower Quartile	0	0	0	0	0	0	0	0	45150	45950	54000	57550	58450	58600	58600	58600	58600	58600	54600
Lower Decile	0	0	0	0	0	0	0	0	40250	42750	46200	49050	51350	52950	54050	54650	54950	55050	48650
Mean	0	0	0	0	0	0	0	0	47600	51200	56250	60650	64250	66950	68800	69950	70600	70950	65150
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	53000	58950	69600	73800	78950	81450	86800	90700	83450	90750	83600
Upper Quartile	0	0	0	0	0	0	0	0	49550	52800	57600	64900	69500	72500	77000	79900	74800	76750	72500
Median	0	0	0	0	0	0	0	0	47450	49550	53000	58300	60450	62900	68000	68100	68300	67850	63000
Lower Quartile	0	0	0	0	0	0	0	0	44600	47150	50200	53650	55300	57200	59000	61400	60800	61500	54600
Lower Decile	0	0	0	0	0	0	0	0	40000	42900	46400	48750	51600	52250	54200	55750	54250	54950	48650
Mean	0	0	0	0	0	0	0	0	47000	51600	56250	60950	63900	65050	70400	71700	69000	70800	65150
Supporting Data																			
Total Number	1	0	1	2	1	5	7	9	20	68	52	92	96	120	132	133	105	148	992
$125,000 or More	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	1	4
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

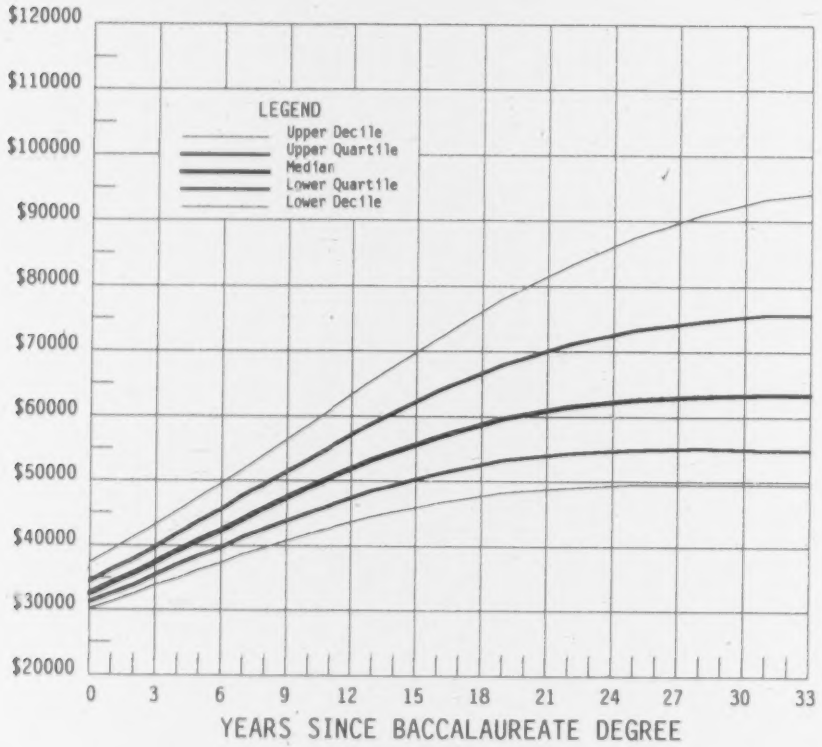
1990 ENGINEERING SALARY STATISTICS: OTHER ENGINEERING SERVICES, SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	0	89000	90650	92450	95750	99200	102050	105250	95650
Upper Quartile	0	0	0	0	0	0	0	0	0	0	0	76250	78950	81350	83400	85100	86500	88650	83500
Median	0	0	0	0	0	0	0	0	0	0	0	66250	71050	74350	76300	77100	77200	76200	74650
Lower Quartile	0	0	0	0	0	0	0	0	0	0	0	59750	63900	66900	68750	69700	70000	69550	66500
Lower Decile	0	0	0	0	0	0	0	0	0	0	0	55400	57900	60550	62650	64100	64850	65350	60500
Mean	0	0	0	0	0	0	0	0	0	0	0	70350	73150	75700	77850	79400	80450	81400	76850
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	0	0	94000	89750	87500	104500	97850	95850	106000	95650
Upper Quartile	0	0	0	0	0	0	0	0	0	0	0	76000	78600	82000	84550	84850	82200	90000	83500
Median	0	0	0	0	0	0	0	0	0	0	0	66000	71350	74000	77550	76350	75600	76800	74650
Lower Quartile	0	0	0	0	0	0	0	0	0	0	0	60000	64500	64000	71850	69300	68500	69700	66500
Lower Decile	0	0	0	0	0	0	0	0	0	0	0	56400	55300	60550	66100	64250	64500	63200	60500
Mean	0	0	0	0	0	0	0	0	0	0	0	70850	72700	73500	81400	79400	76800	81800	76850
Supporting Data																			
Total Number	0	0	0	0	0	0	0	0	1	3	8	24	31	40	51	53	25	48	284
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	3
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: OTHER ENGINEERING SERVICES, NON-SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	53300	57100	62450	67250	71250	74400	76700	78300	79300	80350	74600
Upper Quartile	0	0	0	0	0	0	0	0	48950	52150	56700	60700	64000	66600	68500	69800	70600	71450	66750
Median	0	0	0	0	0	0	0	0	46950	49400	52800	55800	58400	60550	62300	63600	64550	65850	58750
Lower Quartile	0	0	0	0	0	0	0	0	44850	46850	49500	51850	53800	55350	56600	57500	58150	59000	52200
Lower Decile	0	0	0	0	0	0	0	0	40350	42500	45500	47950	49950	51400	52400	53050	53400	53700	47350
Mean	0	0	0	0	0	0	0	0	48100	50750	54400	57550	60150	62200	63750	64850	65550	66400	60500
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	51650	58000	63200	66950	70000	73000	75450	83350	80000	78650	74600
Upper Quartile	0	0	0	0	0	0	0	0	49250	52350	55700	61150	63900	65800	69000	70300	71350	70750	66750
Median	0	0	0	0	0	0	0	0	47200	49350	52500	56450	58000	59800	61800	64450	66350	64800	58750
Lower Quartile	0	0	0	0	0	0	0	0	44450	47050	49500	51700	54200	55100	55850	58300	58400	58800	52200
Lower Decile	0	0	0	0	0	0	0	0	39900	42750	45800	47950	49100	50850	53000	54300	53000	53350	47350
Mean	0	0	0	0	0	0	0	0	46600	51250	55350	57500	59700	60800	63450	66600	66550	65550	60500
Supporting Data																			
Total Number	1	0	1	2	1	5	7	9	19	65	44	68	65	80	81	80	80	100	708
$125,000 or More	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

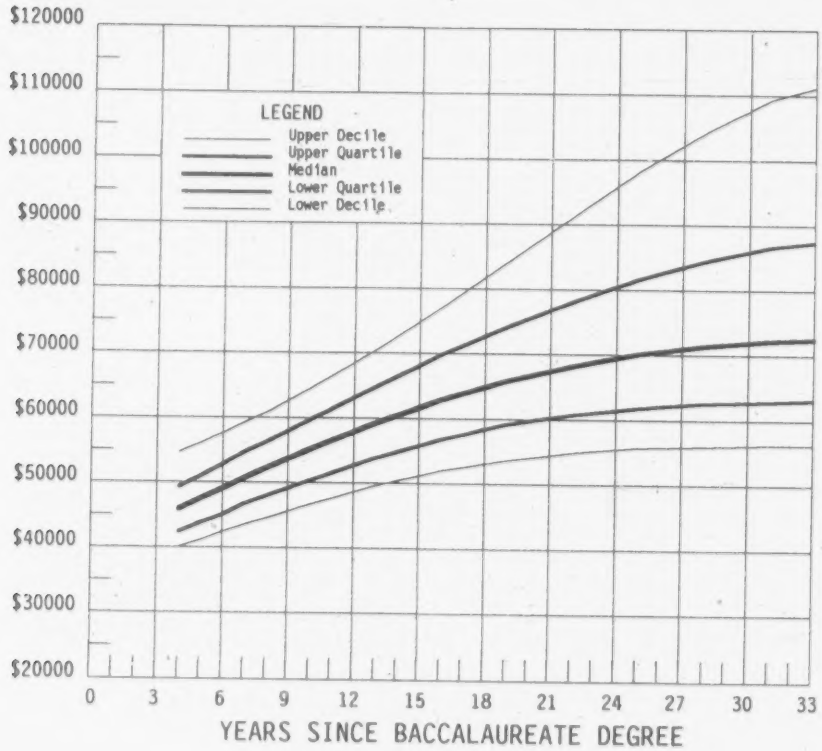
SALARY CURVES FOR ENGINEERS IN ELECTRIC & GAS UTILITIES
ALL ENGINEERS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: ELECTRIC & GAS UTILITIES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	37300	39200	41200	43200	45300	47450	49600	51850	54100	58650	65500	72050	78050	83250	87550	90950	93400	96750	72200
Upper Quartile	34350	36150	37950	39800	41750	43650	45650	47600	49550	53450	59000	63900	68000	71150	73350	74800	75650	76250	60850
Median	32500	34100	35750	37400	39100	40750	42450	44100	45750	48950	53300	56900	59650	61550	62700	63300	63450	63200	51650
Lower Quartile	31100	32550	34000	35500	36950	38400	39850	41250	42600	45200	48600	51300	53200	54400	55000	55150	55050	54500	44350
Lower Decile	30000	31250	32500	33750	35000	36250	37450	38600	39750	41850	44550	46650	48150	49050	49550	49700	49600	49200	37350
Mean	33400	35000	36600	38200	39850	41500	43200	44850	46500	49800	54400	58500	61950	64650	66650	68050	68950	69850	54250
Raw (Unsmoothed) Statistics																			
Upper Decile	36950	37750	40350	43650	46100	48100	51000	52100	54700	58700	66500	70400	76850	79900	87200	95050	98900	97300	72200
Upper Quartile	33800	35150	37350	39550	41850	44150	46800	48750	50400	53750	59400	62900	66650	67800	73750	75850	79050	78000	60850
Median	32400	33550	35300	36750	39250	40850	42800	45550	46450	49050	53550	56000	59100	59900	62700	63950	65550	63850	51650
Lower Quartile	31050	32550	33550	34750	36800	38350	39650	42450	43850	45350	48400	50750	53000	53400	55000	55450	55750	55100	44350
Lower Decile	30250	31850	32200	33100	34750	35400	36850	39500	40700	42100	44500	46000	48050	48950	50100	50000	50100	48950	37350
Mean	33150	34650	36200	37600	40000	41550	43400	45750	47400	50000	54750	57550	61350	62650	66700	69350	71200	70450	54250
Supporting Data																			
Total Number	144	330	307	391	470	425	451	671	702	1680	1468	1538	1375	807	668	469	433	698	13027
$125,000 or More	0	0	0	0	0	0	0	0	0	1	2	1	6	6	9	14	15	30	84
Less Than $22000	0	1	0	2	0	0	0	1	0	0	1	0	0	0	0	0	0	0	5

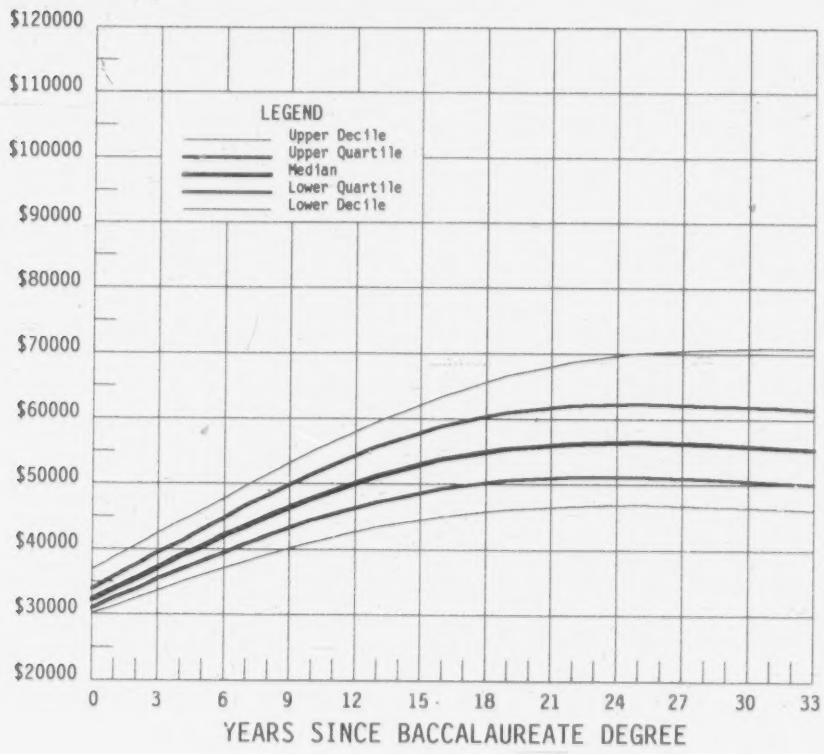
SALARY CURVES FOR ENGINEERS IN ELECTRIC & GAS UTILITIES SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: ELECTRIC & GAS UTILITIES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	0	0	0	0	54700	56100	57600	59150	60850	64450	70450	77050	84050	91200	98050	104250	109400	116400	87600
Upper Quartile	0	0	0	0	49350	51050	52800	54550	56300	59800	64900	69750	74250	78200	81650	84500	86750	90150	73250
Median	0	0	0	0	46000	47550	49150	50700	52200	55200	59300	62900	65900	68250	70050	71350	72200	73250	63250
Lower Quartile	0	0	0	0	42400	43800	45200	46600	47950	50500	53950	56850	59100	60750	61900	62650	63050	63300	55600
Lower Decile	0	0	0	0	39900	41100	42350	43500	44650	46800	49600	51900	53650	54850	55650	56100	56300	56400	49600
Mean	0	0	0	0	47000	48450	49950	51450	52950	55900	60250	64400	68200	71550	74450	76800	78550	80750	67100
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	0	0	0	0	56600	53000	54200	56950	64000	65550	72150	75450	83950	88900	95200	107350	114900	116450	87600
Upper Quartile	0	0	0	0	48600	50000	51500	53900	58100	60050	65800	68900	74500	76850	80800	86500	87600	90000	73250
Median	0	0	0	0	45600	46000	47550	50350	53250	55800	60150	62500	65300	66600	70950	72200	73150	73050	63250
Lower Quartile	0	0	0	0	43200	44000	43300	46250	47700	51000	54650	56550	58800	59900	62350	63450	63050	63250	55600
Lower Decile	0	0	0	0	41500	39800	40650	44050	44200	46850	50400	51700	53650	53550	56100	57300	55150	56750	49600
Mean	0	0	0	0	48150	47100	47650	51250	53950	56300	61100	63550	68300	70000	74700	78300	79450	80450	67100
---------- Supporting Data ----------																			
Total Number	1	8	11	15	37	40	62	103	130	349	498	648	613	377	346	267	251	396	4152
$125,000 or More	0	0	0	0	0	0	0	0	0	1	2	1	6	6	9	14	15	30	84
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SALARY CURVES FOR ENGINEERS IN ELECTRIC & GAS UTILITIES
NON-SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: ELECTRIC & GAS UTILITIES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	36900	38650	40450	42300	44150	46000	47800	49650	51450	54900	59600	63550	66600	68700	70050	70750	71000	70850	60350
Upper Quartile	34000	35750	37550	39350	41150	42950	44750	46550	48250	51500	55650	58850	60950	62100	62450	62250	61800	60500	54050
Median	32350	33950	35550	37200	38800	40400	42000	43550	45000	47800	51300	53900	55500	56300	56450	56200	55700	54500	47750
Lower Quartile	31050	32500	33950	35350	36800	38200	39550	40850	42100	44450	47300	49350	50600	51150	51150	50850	50400	49300	41250
Lower Decile	30000	31250	32450	33650	34850	36000	37150	38250	39250	41150	43500	45150	46200	46750	46850	46700	46400	45700	35400
Mean	33000	34550	36150	37700	39250	40850	42350	43850	45300	48050	51600	54300	56150	57250	57700	57700	57450	56650	48250
Raw (Unsmoothed) Statistics																			
Upper Decile	36800	37050	39900	42750	44250	47050	49850	50000	51900	55250	59500	62050	65600	65500	70550	71200	76650	72950	60350
Upper Quartile	33800	35000	37100	39250	40900	43450	45900	47850	48850	51750	55250	57350	60450	60700	62600	62450	64600	61900	54050
Median	32350	33550	35200	36600	38950	40500	42300	44950	45850	47950	50850	52900	55100	55550	56800	55650	57200	55700	47750
Lower Quartile	31050	32550	33500	34700	36600	38150	39250	42050	43250	44750	47050	48300	50050	51100	51150	50950	51500	50100	41250
Lower Decile	30250	31850	32200	33050	34650	35250	36300	39050	40100	41600	43200	44300	46200	47300	47400	46350	47400	45250	35400
Mean	33000	34250	35750	37250	39300	41000	42700	44750	45900	48300	51500	53200	55750	56200	58100	57550	59850	57350	48250
Supporting Data																			
Total Number	143	322	296	376	433	385	389	568	572	1331	970	890	762	430	322	202	182	302	8875
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	1	0	2	0	0	0	1	0	0	1	0	0	0	0	0	0	0	5

1990 ENGINEERING SALARY STATISTICS: ELECTRIC & GAS UTILITIES, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	36750	38650	40650	42700	44800	46900	49100	51350	53600	58150	64900	71250	76900	81700	85500	88350	90350	92800	70550
Upper Quartile	34100	35900	37700	39550	41450	43400	45350	47300	49250	53100	58600	63400	67350	70350	72450	73750	74450	74900	59700
Median	32400	34000	35600	37250	38950	40600	42250	43900	45550	48700	52950	56550	59250	61150	62300	62900	63100	62900	50650
Lower Quartile	31100	32500	33950	35400	36850	38250	39700	41050	42400	44950	48300	51000	52900	54150	54800	55050	55000	54550	43350
Lower Decile	30000	31250	32500	33700	34950	36150	37300	38450	39550	41650	44300	46400	47900	48850	49350	49550	49500	49150	36500
Mean	33200	34750	36300	37950	39550	41200	42850	44500	46150	49400	53950	57950	61250	63850	65750	67050	67850	68650	53050
Raw (Unsmoothed) Statistics																			
Upper Decile	36600	37100	40050	42650	45450	47800	50800	51850	54200	58350	65400	69900	75300	78850	83350	89550	96150	95200	70550
Upper Quartile	33700	35000	37200	39150	41500	43900	46450	48650	50050	53350	58850	62600	65800	66900	72050	74700	78150	76700	59700
Median	32300	33500	35200	36450	39150	40750	42600	45500	46300	48850	52950	55600	58500	59700	62100	63600	64700	63850	50650
Lower Quartile	31000	32550	33450	34600	36650	38300	39500	42350	43650	45150	48000	50400	52450	53150	54650	55550	55800	55200	43350
Lower Decile	30200	31750	32200	33000	34650	35300	36850	39400	40600	41950	44200	45600	47800	48550	49750	50150	50350	48850	36500
Mean	32850	34400	35950	37250	39750	41400	43150	45450	47050	49600	54100	57050	60550	61900	65350	67850	70500	69500	53050
Supporting Data																			
Total Number	139	317	293	356	441	390	403	615	624	1458	1182	1219	1054	592	499	382	363	593	10920
$125,000 or More	0	0	0	0	0	0	0	0	0	0	1	0	3	3	5	8	11	19	50
Less Than $22000	0	1	0	2	0	0	0	1	0	0	1	0	0	0	0	0	0	0	5

1990 ENGINEERING SALARY STATISTICS: ELECTRIC & GAS UTILITIES, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	52000	53800	55650	57550	59450	63450	69650	76050	82450	88700	94550	99700	103950	110050	84400
Upper Quartile	0	0	0	0	48850	50600	52300	54000	55750	59150	64100	68750	72950	76600	79650	82200	84150	86950	71700
Median	0	0	0	0	45600	47200	48750	50300	51800	54700	58750	62200	65100	67350	69000	70150	70900	71750	62350
Lower Quartile	0	0	0	0	42200	43550	44900	46250	47500	50000	53300	56100	58350	60000	61150	61950	62400	62800	54750
Lower Decile	0	0	0	0	39650	40850	42050	43200	44300	46400	49150	51400	53100	54350	55150	55600	55850	55900	48700
Mean	0	0	0	0	46100	47600	49150	50650	52150	55100	59400	63400	67050	70200	72850	75000	76550	78500	65650
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	49850	54200	53550	55900	61900	64650	71100	74500	82100	87750	91550	98500	113200	109400	84400
Upper Quartile	0	0	0	0	47750	50000	51000	53600	56950	59700	64900	68000	73000	76050	78150	82200	86150	87100	71700
Median	0	0	0	0	45250	46100	46850	49900	52700	55400	59750	62000	64250	65500	69550	70700	72400	71600	62350
Lower Quartile	0	0	0	0	42900	44000	43000	46050	46850	50600	54050	55850	57950	59300	61100	62900	62250	62900	54750
Lower Decile	0	0	0	0	41400	39950	40450	43800	43750	46350	49800	51350	53150	53250	55100	57150	54650	56200	48700
Mean	0	0	0	0	47200	47300	46950	50100	52750	55550	60350	62750	67000	68950	72400	75800	78300	78250	65650
Supporting Data																			
Total Number	1	6	9	13	33	36	57	97	113	304	395	524	476	275	262	217	214	340	3372
$125,000 or More	0	0	0	0	0	0	0	0	0	0	1	0	3	3	5	8	11	19	50
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: ELECTRIC & GAS UTILITIES, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	36300	38100	39900	41750	43650	45500	47400	49250	51050	54550	59300	63200	66200	68200	69400	69950	70100	69700	59450
Upper Quartile	33850	35600	37400	39150	40950	42750	44550	46250	48000	51200	55350	58550	60700	61850	62250	62100	61700	60450	53100
Median	32350	33900	35500	37100	38700	40250	41800	43300	44800	47500	51000	53550	55200	56050	56250	56050	55650	54500	46900
Lower Quartile	31050	32450	33850	35300	36700	38050	39400	40700	41950	44250	47100	49100	50350	50900	51000	50700	50300	49250	40300
Lower Decile	30000	31250	32450	33600	34800	35900	37000	38050	39050	40900	43200	44800	45850	46350	46500	46400	46100	45400	34900
Mean	32850	34400	35950	37500	39050	40600	42100	43600	45050	47750	51300	54000	55850	56950	57400	57450	57200	56400	47400
Raw (Unsmoothed) Statistics																			
Upper Decile	36450	36500	39700	41350	43750	46700	49750	49900	51700	54950	58950	61650	64500	64900	69650	69650	73100	74050	59450
Upper Quartile	33650	34900	37000	38850	40800	43250	45600	47800	48700	51400	54850	56800	59900	60650	62300	62200	64200	62300	53100
Median	32300	33500	35100	36350	38850	40400	42050	44900	45750	47750	50250	52350	54600	55300	56450	55750	57050	56050	46900
Lower Quartile	31000	32550	33400	34550	36450	38100	39150	42000	43100	44600	46600	47900	49700	50850	50900	51100	51850	49900	40300
Lower Decile	30200	31750	32150	32950	34550	35100	36350	38950	40050	41500	42750	43700	45800	46700	46600	46200	47850	45200	34900
Mean	32700	34050	35650	36950	39150	40800	42500	44600	45750	48050	51000	52800	55200	55850	57550	57350	59250	57700	47400
Supporting Data																			
Total Number	138	311	284	343	408	354	346	518	511	1154	787	695	578	317	237	165	149	253	7548
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	1	0	2	0	0	0	1	0	0	1	0	0	0	0	0	0	0	5

1990 ENGINEERING SALARY STATISTICS: ELECTRIC & GAS UTILITIES, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	48650	50050	51500	53050	54600	56250	57950	61600	67500	74000	81050	88600	96450	104350	111900	126450	80100
Upper Quartile	0	0	42950	44400	45900	47400	48950	50500	52100	55300	60200	65050	69800	74350	78500	82250	85400	90700	65950
Median	0	0	38250	39950	41600	43250	44900	46450	48000	50900	54800	58050	60700	62750	64250	65350	66050	66750	56150
Lower Quartile	0	0	35700	37200	38700	40200	41650	43050	44450	47000	50250	52750	54400	55350	55700	55700	55400	54600	49350
Lower Decile	0	0	34150	35450	36700	38000	39200	40400	41550	43600	46200	48100	49300	49950	50150	50000	49750	49000	44150
Mean	0	0	40650	42050	43450	44900	46300	47750	49200	52050	56200	60200	63850	67100	69900	72300	74200	77050	60350
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	48800	47900	56200	49700	53200	55400	60800	61550	69850	71850	81600	85750	94000	118550	108750	128650	80100
Upper Quartile	0	0	41750	43450	46900	46700	49100	50000	52500	55400	62450	63700	69400	70300	80450	91900	85600	89500	65950
Median	0	0	37650	40000	42500	42750	45100	46150	47900	50850	55400	57600	61000	60700	65700	68000	69800	64000	56150
Lower Quartile	0	0	36500	37100	39100	38750	41550	43600	44850	46550	50850	52650	54400	54450	57050	54050	55600	54950	49350
Lower Decile	0	0	35400	36100	37450	36850	36800	40300	41700	44050	46750	47750	48850	50400	51100	48350	48950	49500	44150
Mean	0	0	41600	41000	44200	43300	45450	48600	49850	52250	57250	59350	63800	64750	71000	76200	75050	76400	60350
Supporting Data																			
Total Number	5	13	14	34	29	35	48	56	76	217	276	306	298	203	156	78	66	102	2012
$125,000 or More	0	0	0	0	0	0	0	0	0	1	1	1	3	3	4	6	4	11	34
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

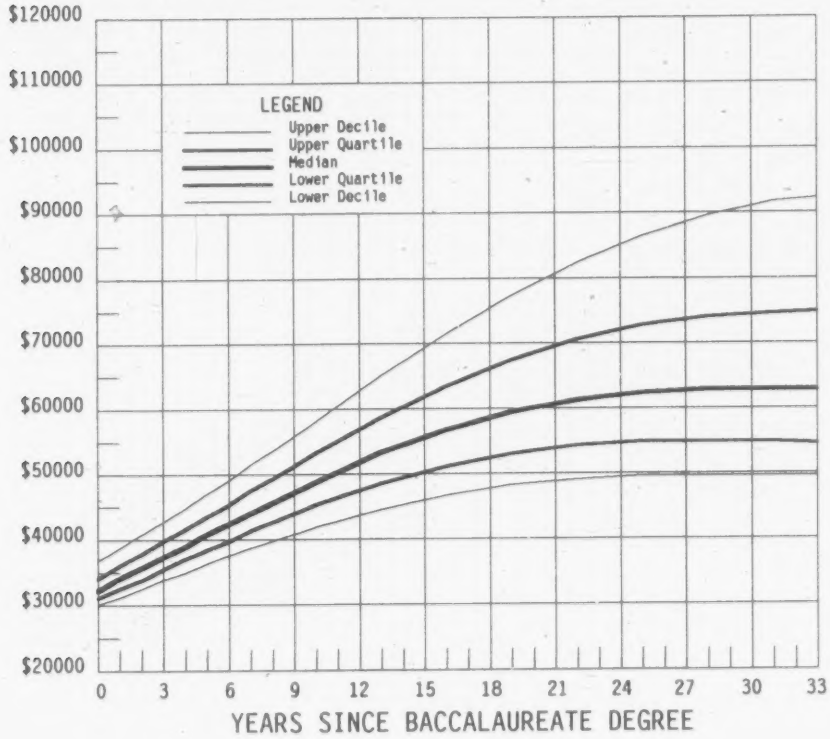
1990 ENGINEERING SALARY STATISTICS: ELECTRIC & GAS UTILITIES, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	74850	76700	78750	83850	86550	97100	109450	122100	133300	147800	95650
Upper Quartile	0	0	0	0	0	0	0	0	65450	65500	67950	72300	77950	84250	90500	96100	100500	105550	79550
Median	0	0	0	0	0	0	0	0	58450	59500	61850	64800	68150	71650	75050	78100	80650	84000	68050
Lower Quartile	0	0	0	0	0	0	0	0	52450	53850	56200	58700	61300	63800	66100	68050	69600	71600	59800
Lower Decile	0	0	0	0	0	0	0	0	49550	51000	53050	54900	56550	57850	58850	59600	60100	60550	53750
Mean	0	0	0	0	0	0	0	0	61700	61850	63550	67000	71500	76450	81300	85550	88850	92650	73450
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	82000	77000	74950	79000	89000	90350	108750	135850	128750	150000	95650
Upper Quartile	0	0	0	0	0	0	0	0	66650	63850	69150	71600	79650	80500	90900	104450	92900	107800	79550
Median	0	0	0	0	0	0	0	0	60000	58150	62100	64950	69450	69150	76350	78000	76650	86900	68050
Lower Quartile	0	0	0	0	0	0	0	0	52000	53950	56050	59150	62000	61500	67450	67500	69300	72450	59800
Lower Decile	0	0	0	0	0	0	0	0	49400	50750	53500	54700	56800	55800	61650	58800	62800	58800	53750
Mean	0	0	0	0	0	0	0	0	61400	61600	63800	66900	72950	73050	81950	89000	85900	94200	73450
Supporting Data																			
Total Number	0	2	2	2	4	4	5	6	16	45	101	120	128	98	79	47	37	55	751
$125,000 or More	0	0	0	0	0	0	0	0	0	1	1	1	3	3	4	6	4	11	34
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: ELECTRIC & GAS UTILITIES, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	44250	45950	47600	49250	50900	52450	54000	56900	60800	64100	66850	68950	70550	71750	72500	73300	63350
Upper Quartile	0	0	41300	42950	44550	46150	47700	49200	50650	53350	56750	59300	61050	62000	62400	62400	62200	61400	57550
Median	0	0	37800	39400	40950	42500	44000	45450	46800	49350	52500	54750	56100	56700	56750	56400	55950	54750	52000
Lower Quartile	0	0	35750	37150	38550	39900	41200	42500	43700	45900	48550	50400	51450	51850	51750	51400	50900	49800	46500
Lower Decile	0	0	34000	35350	36600	37800	38900	39950	40950	42650	44650	46100	47050	47700	48050	48250	48300	48350	41550
Mean	0	0	38350	40100	41750	43300	44800	46200	47550	49900	52750	54900	56400	57450	58100	58500	58700	58800	52550
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	42200	46800	48500	49350	51050	52250	53000	56350	63400	62450	66750	66000	74600	73800	85500	67050	63350
Upper Quartile	0	0	39500	43250	45650	46550	48100	48500	50000	53500	57150	58600	61700	60500	63400	62250	67000	59650	57550
Median	0	0	37350	39800	40850	42250	44200	45650	46450	49200	52850	54450	56250	56350	58000	53300	57000	54850	52000
Lower Quartile	0	0	36350	37000	38750	38400	41200	43050	44300	45800	48750	50150	51500	51750	52200	49800	50150	50650	46500
Lower Decile	0	0	35200	36050	37250	36700	36300	40000	41000	43050	45050	46300	47150	48700	49450	46300	45900	45050	41550
Mean	0	0	38000	40600	42350	43000	44350	46100	46800	49800	53500	54500	56900	57000	59750	56800	61250	55600	52550
Supporting Data																			
Total Number	5	11	12	32	25	31	43	50	60	172	175	186	170	105	77	31	29	47	1261
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

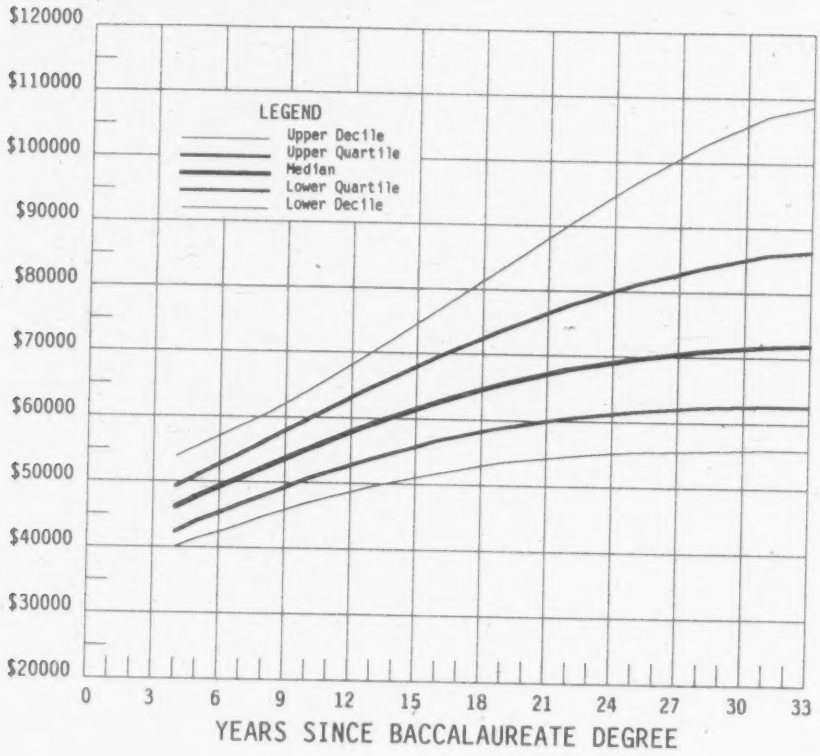
SALARY CURVES FOR ENGINEERS IN ELECTRIC UTILITIES
ALL ENGINEERS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: ELECTRIC UTILITIES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	36850	38750	40700	42750	44850	47000	49200	51450	53700	58250	65100	71550	77400	82400	86400	89500	91700	94450	71450
Upper Quartile	34200	35950	37800	39650	41550	43500	45450	47450	49400	53300	58800	63600	67600	70600	72700	74000	74750	75150	60650
Median	32400	34050	35650	37350	39000	40700	42400	44050	45700	48900	53200	56750	59450	61300	62350	62900	63000	62650	51650
Lower Quartile	31100	32550	34000	35500	36950	38400	39850	41250	42650	45250	48650	51300	53150	54300	54850	55000	54850	54250	44400
Lower Decile	30000	31300	32550	33800	35050	36300	37500	38700	39800	41950	44650	46750	48250	49150	49550	49700	49600	49150	37400
Mean	33300	34900	36450	38100	39700	41400	43050	44700	46350	49550	54150	58200	61550	64200	66150	67450	68300	69150	54000
Raw (Unsmoothed) Statistics																			
Upper Decile	35250	37550	40250	43050	45600	47600	50700	52050	54500	58450	65650	69950	75650	79100	86900	94400	97300	94750	71450
Upper Quartile	33500	35100	37300	39300	41500	44000	46600	48700	50350	53550	59150	62750	65950	67300	73400	75650	78550	76400	60650
Median	32200	33550	35350	36650	39150	40800	42700	45550	46500	48950	53400	55950	58800	59750	62550	63600	64950	63200	51650
Lower Quartile	31000	32550	33650	34700	36750	38350	39600	42500	44050	45300	48450	50800	52850	53350	55000	55300	55600	54800	44400
Lower Decile	30250	31800	32300	33150	34700	35500	36900	39550	41050	42150	44650	46150	47950	49050	50150	49900	50150	48950	37400
Mean	32850	34600	36250	37450	39700	41450	43200	45700	47400	49750	54350	57400	60750	62200	66600	69050	70800	69400	54000
Supporting Data																			
Total Number	128	317	292	368	446	403	431	629	662	1595	1391	1488	1310	778	647	444	407	661	12397
$125,000 or More	0	0	0	0	0	0	0	0	0	1	1	0	3	4	9	13	14	25	70
Less Than $22000	0	1	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	4

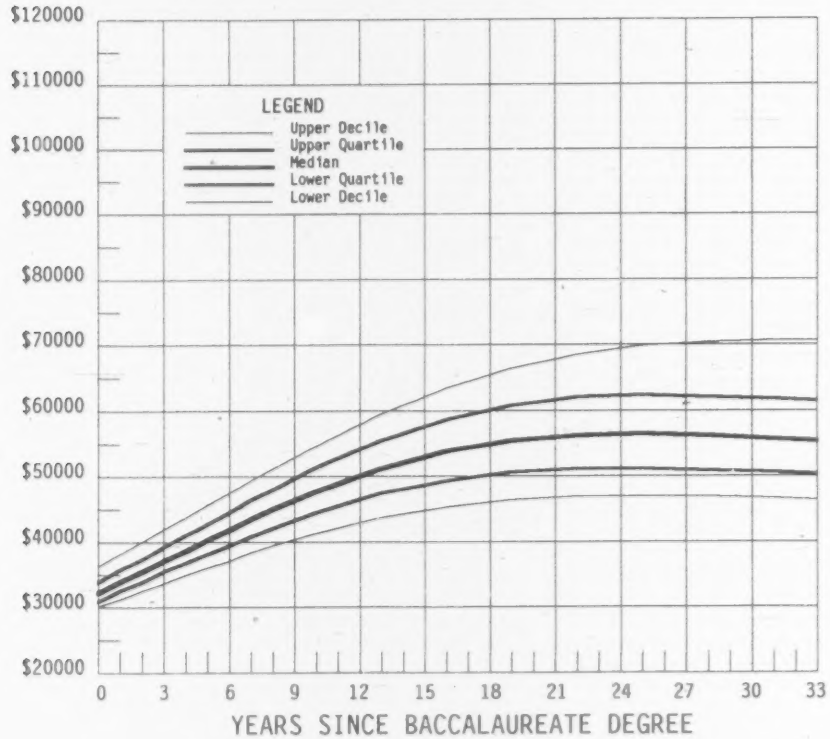
SALARY CURVES FOR ENGINEERS IN ELECTRIC UTILITIES SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: ELECTRIC UTILITIES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
---------- Smooth Curve Data ----------																			
Upper Decile	0	0	0	0	53800	55350	56950	58650	60400	64100	70200	76700	83550	90350	96800	102550	107200	113500	86200
Upper Quartile	0	0	0	0	49250	51000	52750	54500	56250	59700	64800	69550	73900	77750	81000	83650	85750	88800	72750
Median	0	0	0	0	46100	47700	49250	50800	52300	55200	59250	62750	65650	67950	69650	70850	71700	72600	63000
Lower Quartile	0	0	0	0	42500	43900	45300	46700	48050	50550	53950	56800	59000	60550	61650	62300	62650	62850	55500
Lower Decile	0	0	0	0	39950	41200	42400	43550	44700	46850	49650	51850	53550	54700	55450	55850	56000	56000	49600
Mean	0	0	0	0	46650	48150	49650	51150	52700	55650	60000	64050	67800	71050	73850	76050	77700	79800	66600
---------- Raw (Unsmoothed) Statistics ----------																			
Upper Decile	0	0	0	0	54800	53300	54050	56150	63900	65250	71600	75250	83200	88100	94900	106550	114650	111450	86200
Upper Quartile	0	0	0	0	48500	50100	51450	53900	57950	60050	65600	68750	74050	76200	80450	86000	87000	88250	72750
Median	0	0	0	0	45650	46100	47700	50500	53300	55850	60150	62450	64850	66200	70800	72000	72300	72400	63000
Lower Quartile	0	0	0	0	43150	44150	43600	46450	47600	51150	54600	56550	58550	59900	62150	62950	62600	62800	55500
Lower Decile	0	0	0	0	41450	40200	40950	43950	44250	46850	50350	51800	53500	53500	55900	56950	54700	56400	49600
Mean	0	0	0	0	46500	47300	47750	51000	53750	56350	60650	63350	67500	69350	74600	78000	78900	79150	66600
---------- Supporting Data ----------																			
Total Number	1	7	11	15	34	39	59	99	123	321	468	627	571	352	333	248	231	364	3903
$125,000 or More	0	0	0	0	0	0	0	0	0	1	1	0	3	4	9	13	14	25	70
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SALARY CURVES FOR ENGINEERS IN ELECTRIC UTILITIES
NON-SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: ELECTRIC UTILITIES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	36300	38100	39900	41750	43650	45500	47400	49250	51100	54600	59400	63400	66500	68600	69850	70500	70700	70400	60250
Upper Quartile	33850	35600	37400	39200	41000	42800	44600	46350	48100	51350	55550	58750	60900	62050	62400	62250	61800	60550	54050
Median	32300	33900	35500	37150	38750	40350	41950	43500	44950	47750	51250	53850	55550	56350	56500	56250	55800	54600	47800
Lower Quartile	31050	32500	33900	35350	36800	38200	39550	40850	42150	44450	47350	49450	50700	51250	51300	51000	50550	49450	41350
Lower Decile	30000	31250	32450	33700	34900	36100	37200	38300	39350	41300	43650	45350	46400	46900	47000	46850	46550	45750	35450
Mean	32900	34450	36000	37600	39150	40700	42200	43700	45150	47900	51400	54150	56050	57200	57700	57750	57550	56800	48200
Raw (Unsmoothed) Statistics																			
Upper Decile	35050	36800	39700	41900	43800	46600	49450	49850	51750	55050	59100	61850	64900	65550	70150	71600	77100	72750	60250
Upper Quartile	33450	34950	37050	39000	40750	43300	45650	47800	48850	51550	55100	57300	60250	60750	62500	62600	65000	61800	54050
Median	32200	33500	35200	36500	38900	40450	42150	45000	45900	47850	50800	52950	55000	55650	56850	55750	57450	55750	47800
Lower Quartile	30950	32550	33550	34650	36550	38150	39200	42100	43450	44750	47150	48350	50000	51200	51300	51050	51700	50250	41350
Lower Decile	30250	31750	32300	33050	34600	35300	36350	39150	40500	41700	43550	44350	46150	47400	47600	46400	47500	45600	35450
Mean	32700	34150	35750	37100	39150	40850	42500	44700	45950	48100	51200	53100	55500	56300	58100	57750	60150	57400	48200
Supporting Data																			
Total Number	127	310	281	353	412	364	372	530	539	1274	923	861	739	426	314	196	176	297	8494
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	1	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	4

1990 ENGINEERING SALARY STATISTICS: ELECTRIC UTILITIES, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	36100	38000	40000	42100	44200	46400	48650	50900	53200	57800	64600	70900	76450	81050	84550	87050	88750	90600	69800
Upper Quartile	33950	35700	37550	39400	41300	43250	45200	47150	49100	52950	58350	63100	67000	69850	71850	73050	73650	73950	59550
Median	32350	33950	35550	37200	38850	40550	42200	43850	45500	48600	52850	56400	59050	60900	62000	62500	62650	62300	50600
Lower Quartile	31100	32550	33950	35400	36850	38300	39700	41100	42450	45000	48350	51000	52900	54050	54650	54850	54750	54250	43400
Lower Decile	30000	31250	32500	33750	35000	36200	37400	38550	39650	41750	44400	46500	48000	48900	49400	49550	49500	49100	36500
Mean	33050	34600	36200	37800	39450	41100	42750	44400	46050	49250	53750	57700	60950	63450	65300	66450	67200	67850	52850
Raw (Unsmoothed) Statistics																			
Upper Decile	34600	37000	39850	41550	44750	47350	50450	51850	53950	58100	64650	69400	74450	78300	83050	89600	95000	92400	69800
Upper Quartile	33350	35000	37150	38850	41050	43800	46300	48650	49950	53150	58650	62400	64950	66500	71850	74600	77700	75350	59550
Median	32100	33500	35200	36350	39000	40750	42500	45550	46350	48700	52850	55550	58150	59550	62000	63250	64150	63200	50600
Lower Quartile	30950	32550	33550	34600	36600	38350	39500	42450	43900	45150	48050	50450	52250	53100	54750	55450	55600	54800	43400
Lower Decile	30250	31700	32250	33000	34600	35400	36900	39500	41000	41950	44350	45700	47700	48600	50050	50100	50300	48800	36500
Mean	32500	34400	36000	37100	39400	41350	43000	45500	47050	49450	53850	56950	59900	61600	65300	67850	70050	68250	52850
Supporting Data																			
Total Number	123	305	278	334	417	371	386	577	587	1387	1118	1174	1001	571	486	360	340	559	10374
$125,000 or More	0	0	0	0	0	0	0	0	0	0	1	0	1	2	5	8	10	15	42
Less Than $22000	0	1	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	4

1990 ENGINEERING SALARY STATISTICS: ELECTRIC UTILITIES, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	51650	53500	55350	57300	59250	63300	69500	75800	81950	87800	93000	97450	100950	105400	83300
Upper Quartile	0	0	0	0	48700	50450	52200	53950	55700	59150	64100	68650	72750	76200	79050	81300	83000	85400	71300
Median	0	0	0	0	45750	47300	48850	50400	51900	54800	58750	62150	64900	67050	68600	69650	70300	71000	62100
Lower Quartile	0	0	0	0	42300	43700	45050	46350	47600	50050	53300	56050	58200	59800	60900	61600	62000	62300	54650
Lower Decile	0	0	0	0	39700	40900	42100	43250	44350	46450	49200	51400	53050	54200	54900	55300	55450	55450	48750
Mean	0	0	0	0	45800	47350	48900	50450	51950	54950	59250	63200	66700	69700	72200	74150	75650	77750	65150
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	49550	54500	53300	55950	61450	64600	70550	74300	81050	86850	91400	99300	113000	101450	83300
Upper Quartile	0	0	0	0	47650	50150	50950	53700	56600	59800	64850	67850	72500	75750	77950	82400	86000	84550	71300
Median	0	0	0	0	45200	46200	47000	50150	52700	55500	59850	61950	63750	65250	69350	70550	71600	70800	62100
Lower Quartile	0	0	0	0	42850	44150	43250	46250	46800	50750	54050	55800	57650	59350	60900	62450	61750	62450	54650
Lower Decile	0	0	0	0	41350	40500	40700	43650	43850	46350	49750	51400	53000	53300	54950	56850	54100	55750	48750
Mean	0	0	0	0	45250	47550	47050	50250	52400	55650	60100	62600	66100	68550	72250	75950	77850	76700	65150
Supporting Data																			
Total Number	1	5	9	13	30	35	54	94	107	282	372	507	438	257	255	201	196	310	3166
$125,000 or More	0	0	0	0	0	0	0	0	0	0	1	0	1	2	5	8	10	15	42
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: ELECTRIC UTILITIES, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	35750	37550	39400	41300	43200	45100	47000	48850	50750	54300	59150	63150	66150	68150	69300	69800	69850	69300	59450
Upper Quartile	33750	35500	37250	39050	40800	42600	44400	46150	47850	51050	55250	58450	60650	61800	62250	62150	61750	60550	53100
Median	32250	33850	35400	37000	38600	40200	41750	43250	44750	47450	50950	53550	55250	56100	56300	56100	55700	54600	47000
Lower Quartile	31000	32400	33850	35250	36700	38050	39400	40750	42000	44300	47150	49200	50500	51050	51100	50800	50400	49300	40400
Lower Decile	30050	31250	32450	33650	34850	36000	37100	38150	39150	41050	43350	45000	46050	46550	46700	46550	46300	45600	34900
Mean	32750	34300	35800	37400	38950	40450	42000	43450	44900	47650	51150	53900	55800	56900	57400	57500	57300	56550	47400
Raw (Unsmoothed) Statistics																			
Upper Decile	34400	36400	39450	40750	43400	46350	49350	49800	51550	54750	58600	61350	64000	64950	69500	70050	73600	73850	59450
Upper Quartile	33350	34900	36950	38550	40600	43150	45400	47750	48750	51250	54700	56700	59750	60750	62350	62400	64550	62150	53100
Median	32100	33450	35100	36200	38750	40400	41950	44900	45850	47650	50250	52350	54500	55350	56700	55850	57200	56050	47000
Lower Quartile	30900	32500	33450	34500	36400	38150	39100	42050	43350	44600	46800	47950	49700	50900	51150	51250	51950	50000	40400
Lower Decile	30250	31700	32250	32950	34500	35200	36400	39050	40450	41500	43050	43900	45800	46850	47000	46300	47850	45500	34900
Mean	32350	34000	35650	36750	38950	40700	42350	44600	45850	47850	50750	52650	55100	55900	57700	57600	59450	57700	47400
Supporting Data																			
Total Number	122	300	269	321	387	336	332	483	480	1105	746	667	563	314	231	159	144	249	7208
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	1	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	4

1990 ENGINEERING SALARY STATISTICS: ELECTRIC UTILITIES, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	48450	49850	51300	52800	54350	55950	57600	61150	66900	73250	80100	87400	95000	102550	109800	123600	79000
Upper Quartile	0	0	42800	44250	45750	47250	48800	50350	51900	55100	59850	64600	69200	73500	77450	80950	83900	88700	65500
Median	0	0	37950	39650	41350	43050	44650	46250	47800	50700	54650	57900	60500	62500	64000	65000	65700	66300	56050
Lower Quartile	0	0	35600	37100	38600	40100	41550	42950	44350	46900	50200	52700	54350	55300	55650	55600	55350	54550	49300
Lower Decile	0	0	34150	35400	36700	37950	39150	40300	41450	43500	46100	48050	49300	49950	50200	50150	49950	49250	44200
Mean	0	0	40500	41900	43250	44650	46050	47450	48850	51650	55800	59700	63300	66550	69350	71750	73650	76650	59950
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	48800	48050	56200	49100	52600	54800	61400	60600	68900	71550	80900	84400	94300	112500	105850	125500	79000
Upper Quartile	0	0	41750	43450	46900	46150	48800	49600	52450	55250	61800	63650	68900	69400	80100	86250	83100	89250	65500
Median	0	0	37650	39750	42500	42200	44550	45950	47700	50650	55150	57600	60900	60400	65550	66500	69550	63750	56050
Lower Quartile	0	0	36500	37050	39100	38450	41350	43250	44750	46550	50750	52700	54400	54300	56800	53750	55800	55000	49300
Lower Decile	0	0	35400	36050	37450	36750	36500	40100	41550	44100	46700	47700	48800	50400	51000	48100	49500	49950	44200
Mean	0	0	41600	40950	44200	42800	45100	47750	49800	51950	56600	59050	63400	64000	70950	74250	74650	76150	59950
Supporting Data																			
Total Number	5	12	14	33	29	32	45	52	73	203	265	301	290	195	151	75	63	99	1937
$125,000 or More	0	0	0	0	0	0	0	0	0	1	0	0	2	2	4	5	4	10	28
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

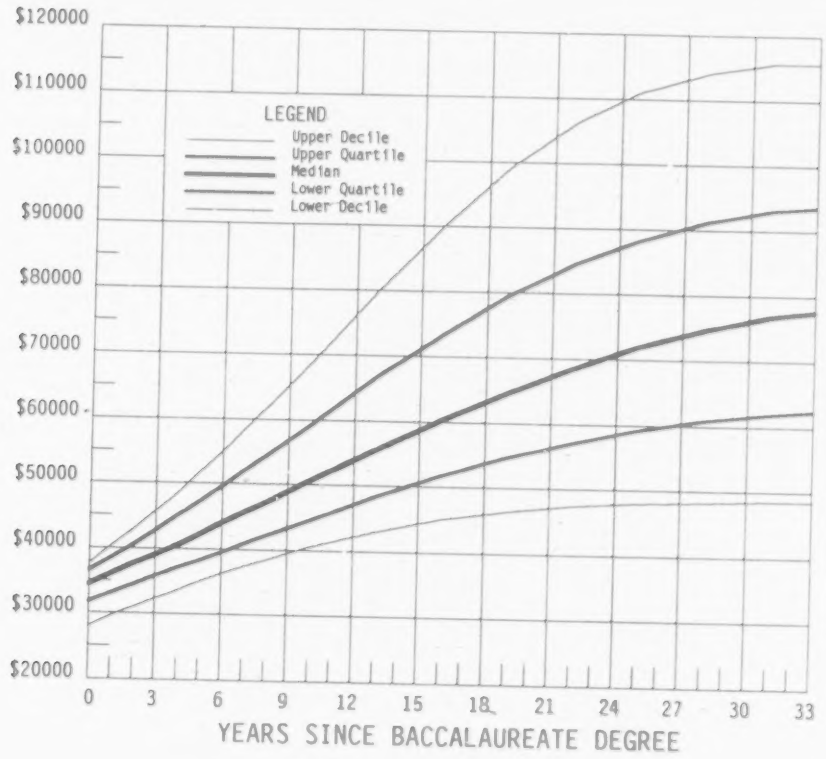
1990 ENGINEERING SALARY STATISTICS: ELECTRIC UTILITIES, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	73500	73750	75000	78500	86350	97100	109450	121950	132900	147000	94200
Upper Quartile	0	0	0	0	0	0	0	0	64900	65200	67750	72000	77300	83100	88800	93850	97750	102250	78850
Median	0	0	0	0	0	0	0	0	58850	59700	61800	64600	67800	71200	74550	77550	80000	83350	67800
Lower Quartile	0	0	0	0	0	0	0	0	52600	53950	56250	58700	61200	63650	65850	67750	69200	71150	59750
Lower Decile	0	0	0	0	0	0	0	0	50250	51400	53150	54850	56350	57600	58550	59250	59700	60050	53700
Mean	0	0	0	0	0	0	0	0	61500	62100	63000	66250	70650	75550	80450	84750	88150	92000	72750
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	82500	70200	74550	78700	88650	89400	110850	131000	131250	148500	94200
Upper Quartile	0	0	0	0	0	0	0	0	67000	62850	69000	71350	79200	78250	91800	98750	90400	104700	78850
Median	0	0	0	0	0	0	0	0	61000	58000	61900	64950	69100	68450	76650	76000	75500	86900	67800
Lower Quartile	0	0	0	0	0	0	0	0	52750	53900	55800	59350	61900	61250	67800	66000	69000	72150	59750
Lower Decile	0	0	0	0	0	0	0	0	50500	50950	53400	54950	56600	55100	62250	57600	62000	58650	53700
Mean	0	0	0	0	0	0	0	0	62250	61350	62850	66300	72300	71700	82600	86550	84800	93500	72750
Supporting Data																			
Total Number	0	2	2	2	4	4	5	5	15	39	95	116	124	91	74	44	35	53	710
$125,000 or More	0	0	0	0	0	0	0	0	0	1	0	0	2	2	4	5	4	10	28
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: ELECTRIC UTILITIES, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	44200	45800	47450	49050	50600	52150	53650	56500	60450	63800	66650	68900	70650	71900	72800	73650	63300
Upper Quartile	0	0	40650	42500	44300	46050	47700	49250	50700	53300	56500	58900	60600	61800	62550	63000	63250	63450	57650
Median	0	0	37550	39150	40700	42250	43750	45200	46600	49200	52400	54700	56150	56800	56900	56600	56150	55000	52050
Lower Quartile	0	0	35650	37050	38450	39800	41150	42400	43600	45800	48500	50350	51450	51900	51900	51550	51100	50050	46550
Lower Decile	0	0	33950	35250	36550	37750	38900	39950	40950	42650	44750	46250	47250	47900	48300	48550	48650	48700	41650
Mean	0	0	38300	39950	41550	43100	44600	45950	47300	49650	52600	54800	56400	57550	58300	58700	58950	59150	52550
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	42200	46900	48500	48650	50000	52300	52750	56250	62400	62500	66600	66050	74600	73800	86000	67200	63300
Upper Quartile	0	0	39500	43250	45650	45800	47450	48200	49850	53500	56900	58650	61700	60550	63400	62250	68000	59800	57650
Median	0	0	37350	39500	40850	41600	43750	45500	46300	49150	52750	54450	56250	56450	58000	53300	58000	55000	52050
Lower Quartile	0	0	36350	36950	38750	38000	41000	42800	44200	45850	48700	50150	51500	51850	52200	49800	50600	50950	46550
Lower Decile	0	0	35200	36000	37250	36600	36000	39850	40850	43350	45100	46300	47100	49000	49450	46300	46800	46400	41650
Mean	0	0	38000	40550	42350	42450	43900	45950	46600	49700	53100	54500	56800	57250	59750	56800	61950	56100	52550
Supporting Data																			
Total Number	5	10	12	31	25	28	40	47	58	164	170	185	166	104	77	31	28	46	1227
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

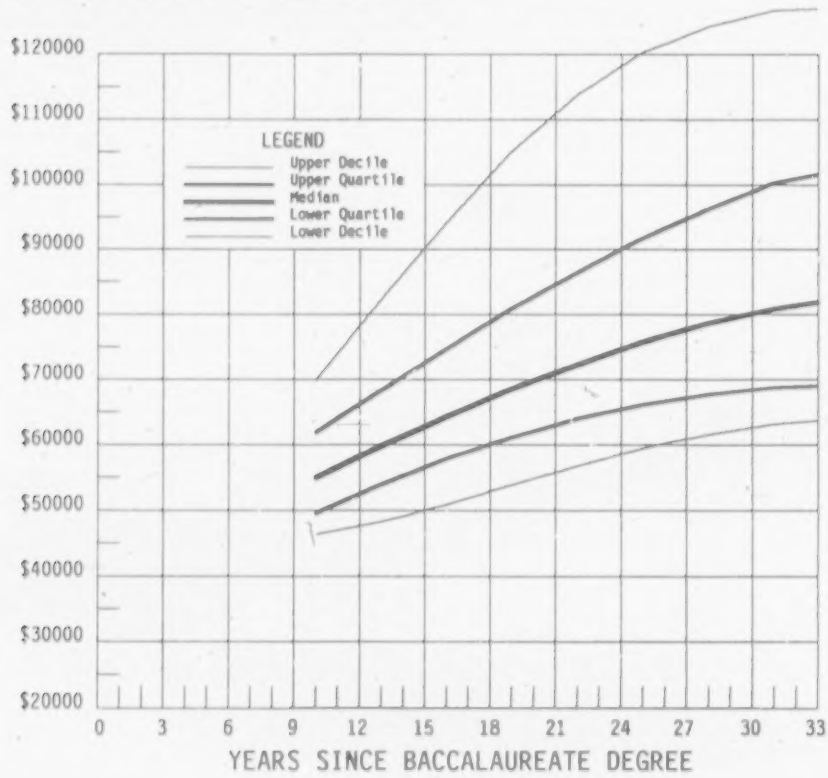
SALARY CURVES FOR ENGINEERS IN GAS UTILITIES
ALL ENGINEERS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: GAS UTILITIES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	37650	40200	42850	45700	48650	51750	54950	58300	61750	68850	79750	90150	99200	106300	111250	114200	115650	115900	85400
Upper Quartile	36500	38500	40600	42750	44950	47250	49600	52000	54400	59300	66600	73450	79500	84550	88400	91200	93100	95150	69350
Median	34500	35950	37500	39050	40650	42250	43900	45550	47200	50550	55500	60250	64650	68550	71900	74650	76800	79950	52650
Lower Quartile	31850	33100	34350	35650	36950	38200	39500	40800	42100	44650	48300	51650	54600	57100	59100	60700	61900	63550	42900
Lower Decile	28100	29550	30950	32300	33650	34950	36200	37350	38450	40500	43050	45000	46400	47350	48000	48350	48550	48700	36400
Mean	34200	35900	37700	39500	41400	43300	45250	47200	49200	53200	59050	64500	69350	73400	76600	78950	80650	82700	58700
Raw (Unsmoothed) Statistics																			
Upper Decile	37700	39950	41600	46100	49700	55100	55200	52400	57600	76000	84350	81000	101900	110000	89000	103750	110850	138000	85400
Upper Quartile	37300	35900	39000	43800	47450	51500	52600	49350	51900	56600	76150	70500	78850	85000	82500	81250	86250	109800	69350
Median	36600	33800	35000	39100	42500	42000	47400	45100	44850	51600	56200	56550	68200	68800	70000	69000	73500	85600	52650
Lower Quartile	32500	32100	32000	35300	38950	37500	41950	41950	40700	46050	46550	49100	58700	54500	58000	59650	59500	66600	42900
Lower Decile	28700	29150	29600	33000	35650	32400	36200	38200	36800	41600	41450	44250	51300	47900	45200	51050	49550	43550	36400
Mean	34900	34900	35400	39300	45400	43600	46700	46150	46950	53400	61200	61200	72850	73400	70350	74300	77050	89500	58700
Supporting Data																			
Total Number	17	17	16	25	25	22	21	42	42	90	79	54	67	32	24	27	27	37	664
$125,000 or More	0	0	0	0	0	0	0	0	0	0	1	1	3	2	0	1	1	5	14
Less Than $22000	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1

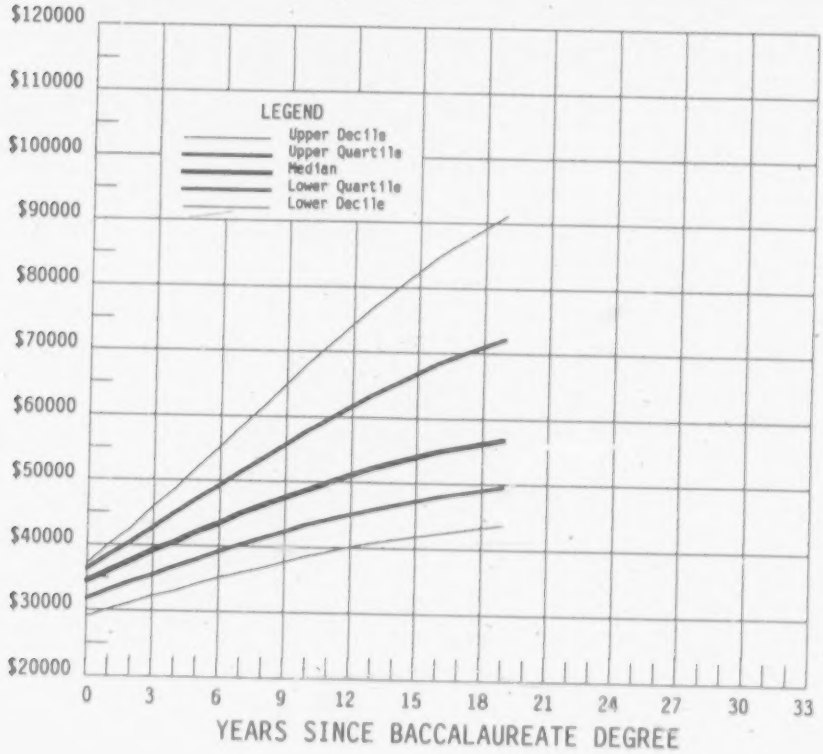
SALARY CURVES FOR ENGINEERS IN GAS UTILITIES
SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: GAS UTILITIES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	70000	82150	94100	104950	113850	120300	124400	126600	127600	112150
Upper Quartile	0	0	0	0	0	0	0	0	0	62000	68300	74600	80700	86450	91700	96300	100150	106350	83500
Median	0	0	0	0	0	0	0	0	0	55000	59700	64200	68400	72250	75650	78550	80900	84600	68300
Lower Quartile	0	0	0	0	0	0	0	0	0	49550	53850	57800	61150	63900	66100	67700	68850	70250	57400
Lower Decile	0	0	0	0	0	0	0	0	0	46350	48350	50950	53850	56750	59400	61600	63250	65100	48600
Mean	0	0	0	0	0	0	0	0	0	57650	64150	70250	75650	80100	83550	86100	87850	89900	74700
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	67100	89500	84000	117500	116250	97500	112500	116650	143000	112150
Upper Quartile	0	0	0	0	0	0	0	0	0	59850	72500	73000	82500	88100	83750	90000	95000	114300	83500
Median	0	0	0	0	0	0	0	0	0	54500	59700	65350	70000	70800	77000	73350	78000	88350	68300
Lower Quartile	0	0	0	0	0	0	0	0	0	48950	55050	56500	63600	59500	67000	66400	72000	70000	57400
Lower Decile	0	0	0	0	0	0	0	0	0	45350	51100	47600	57600	49700	59000	64000	68000	64200	48600
Mean	0	0	0	0	0	0	0	0	0	55800	67450	69000	78900	78400	77000	81050	85400	95150	74700
Supporting Data																			
Total Number	0	1	0	0	3	1	3	4	8	29	31	22	42	27	15	20	20	32	258
$125,000 or More	0	0	0	0	0	0	0	0	0	0	1	1	3	2	0	1	1	5	14
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SALARY CURVES FOR ENGINEERS IN GAS UTILITIES
NON-SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: GAS UTILITIES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
								Smooth Curve Data											
Upper Decile	37150	39900	42750	45750	48800	51950	55200	58450	61700	68150	77200	85000	91150	0	0	0	0	0	71500
Upper Quartile	36300	38400	40600	42750	45000	47200	49400	51550	53700	57800	63500	68400	72400	0	0	0	0	0	53700
Median	34400	36000	37550	39150	40650	42150	43600	45000	46350	48850	52150	54850	56900	0	0	0	0	0	45950
Lower Quartile	31800	33050	34300	35500	36750	37950	39100	40250	41350	43350	46000	48000	49500	0	0	0	0	0	38950
Lower Decile	29050	30100	31100	32150	33150	34100	35100	36000	36900	38600	40750	42500	43800	0	0	0	0	0	34550
Mean	34000	35750	37500	39250	41000	42750	44450	46150	47800	50950	55200	58850	61800	0	0	0	0	0	48550
								Raw (Unsmoothed) Statistics											
Upper Decile	37700	40100	41600	46100	49300	55200	55200	52100	54950	79600	83500	79750	80850	0	0	0	0	0	71500
Upper Quartile	37300	36000	39000	43800	47300	52250	52250	49350	49250	54850	77600	60000	73500	0	0	0	0	0	53700
Median	36600	34000	35000	39100	42000	42500	47750	44600	43550	50700	51800	52000	59500	0	0	0	0	0	45950
Lower Quartile	32500	32400	32000	35300	38400	37250	42500	41700	39500	44100	44000	47000	52250	0	0	0	0	0	38950
Lower Decile	28700	29600	29600	33000	35450	32200	35800	37600	36250	39650	37850	41300	47750	0	0	0	0	0	34550
Mean	34900	35300	35400	39300	42500	43800	46900	44950	44800	52300	57100	55800	62700	0	0	0	0	0	48550
								Supporting Data											
Total Number	17	16	16	25	22	21	18	38	34	61	48	32	25	5	9	7	7	5	406
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1

1990 ENGINEERING SALARY STATISTICS: GAS UTILITIES, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	37600	40000	42500	45100	47850	50700	53700	56750	59850	66300	76150	85500	93850	100600	105550	108850	110750	112200	83550
Upper Quartile	36750	38650	40600	42600	44700	46800	49000	51200	53400	57900	64550	70850	76450	81200	85000	87850	89900	92400	66550
Median	34400	35800	37250	38700	40200	41700	43250	44800	46400	49550	54300	58900	63250	67250	70750	73750	76150	79900	51250
Lower Quartile	31900	33100	34300	35500	36750	38000	39250	40450	41700	44100	47600	50750	53600	56050	58050	59600	60850	62550	42150
Lower Decile	28900	30000	31050	32150	33250	34350	35450	36550	37600	39750	42750	45500	47950	50000	51700	53000	54000	55450	36050
Mean	34100	35750	37400	39150	40900	42700	44550	46400	48250	51950	57450	62600	67200	71100	74250	76700	78450	80750	56700
Raw (Unsmoothed) Statistics																			
Upper Decile	37700	38600	41600	46150	49700	55100	55200	51900	58700	65850	83650	80150	103100	94000	88000	88500	107500	132500	83550
Upper Quartile	37300	35500	39000	44000	47450	50750	52250	48750	51700	56000	70000	69750	77250	80000	79000	75000	82500	108950	66550
Median	36600	33600	35000	38750	42500	40600	45500	44450	44200	51250	54300	56350	67250	66000	68000	66800	73000	86250	51250
Lower Quartile	32500	32000	32000	35200	38950	36750	41400	41700	40250	46000	45700	48350	58500	53750	48500	58350	60000	66800	42150
Lower Decile	28700	29050	29600	32800	35650	31900	35800	37600	36600	41800	41300	43850	51100	48050	42200	50450	53600	60800	36050
Mean	34900	33700	35400	39200	45400	42850	46050	44700	46650	52800	58600	59600	72000	69950	65350	67500	76150	89900	56700
Supporting Data																			
Total Number	17	16	16	24	25	19	18	38	39	76	66	49	55	24	14	23	24	34	577
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	1	4	8
Less Than $22000	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1

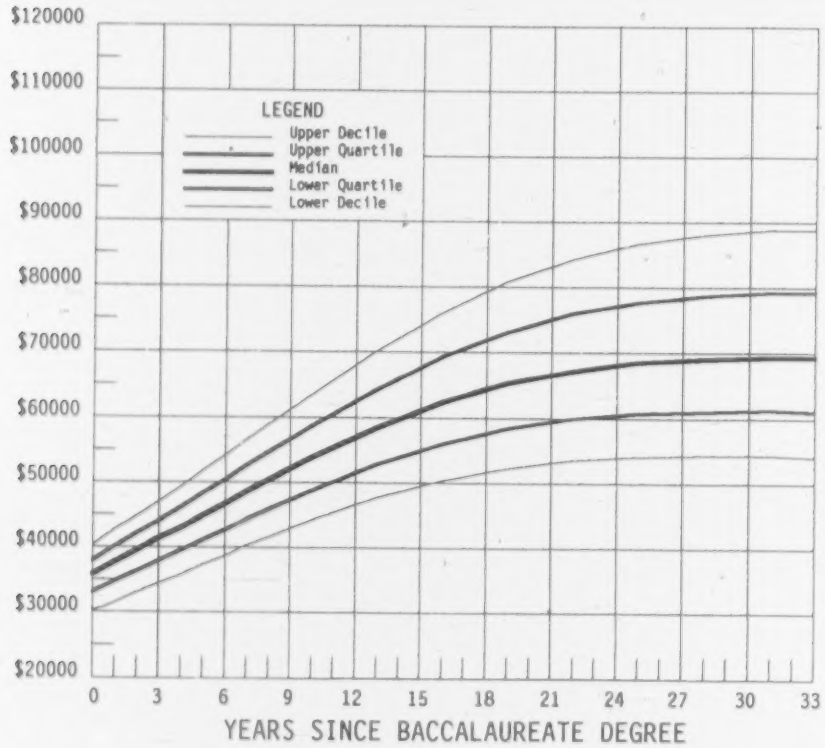
1990 ENGINEERING SALARY STATISTICS: GAS UTILITIES, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	0	0	67350	78300	89150	99000	107200	113450	117650	120200	122200	106400
Upper Quartile	0	0	0	0	0	0	0	0	0	60150	66150	72150	77950	83350	88250	92500	96050	101700	80700
Median	0	0	0	0	0	0	0	0	0	53450	58300	62950	67300	71250	74650	77550	79850	83400	67250
Lower Quartile	0	0	0	0	0	0	0	0	0	49150	53250	57000	60200	62850	65000	66600	67750	69250	56500
Lower Decile	0	0	0	0	0	0	0	0	0	45750	47950	50450	53050	55600	57950	59900	61400	63200	47700
Mean	0	0	0	0	0	0	0	0	0	55300	61650	67600	72900	77400	81050	83750	85700	88150	72350
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	0	0	64950	83000	81000	113750	100000	0	91500	115000	137500	106400
Upper Quartile	0	0	0	0	0	0	0	0	0	58600	68000	71350	81250	85000	0	79000	87500	112500	80700
Median	0	0	0	0	0	0	0	0	0	52600	58400	65350	69350	69000	0	71000	76000	88350	67250
Lower Quartile	0	0	0	0	0	0	0	0	0	48650	53750	56650	63500	56000	0	65800	71350	69000	56500
Lower Decile	0	0	0	0	0	0	0	0	0	44900	50400	46700	57050	49000	0	59400	63200	64000	47700
Mean	0	0	0	0	0	0	0	0	0	53850	63850	65850	77400	74100	0	73300	83250	94050	72350
Supporting Data																			
Total Number	0	1	0	0	3	1	3	3	7	23	24	18	38	20	8	17	18	30	214
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	1	4	8
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: GAS UTILITIES, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	36850	39600	42500	45500	48600	51750	54950	58200	61450	67800	76750	84400	90350	0	0	0	0	0	61700
Upper Quartile	36250	38350	40400	42550	44650	46800	48900	51000	53050	57050	62500	67250	71150	0	0	0	0	0	52750
Median	34400	35850	37350	38800	40200	41600	43000	44350	45600	48050	51300	54000	56150	0	0	0	0	0	44950
Lower Quartile	31500	32850	34150	35450	36700	37900	39050	40100	41150	43050	45450	47300	48700	0	0	0	0	0	38250
Lower Decile	28400	29750	31000	32200	33350	34450	35450	36350	37200	38700	40400	41650	42500	0	0	0	0	0	34300
Mean	33650	35400	37200	38950	40700	42450	44100	45750	47350	50400	54400	57650	60250	0	0	0	0	0	47500
Raw (Unsmoothed) Statistics																			
Upper Decile	37700	38750	41600	46150	49300	55200	55250	52100	54800	78800	83800	79850	77200	0	0	0	0	0	61700
Upper Quartile	37300	35600	39000	44000	47300	51500	51900	49100	47000	55000	76650	61000	69500	0	0	0	0	0	52750
Median	36600	33800	35000	38750	42000	41000	46250	43850	43150	50550	50600	52100	58000	0	0	0	0	0	44950
Lower Quartile	32500	32300	32000	35200	38400	36500	41750	41500	39200	44150	43700	46750	51250	0	0	0	0	0	38250
Lower Decile	28700	29500	29600	32800	35450	31800	35500	37000	36150	41100	37450	41150	46100	0	0	0	0	0	34300
Mean	34900	34000	35400	39200	42500	43050	46150	44650	44400	52300	55600	55950	59950	0	0	0	0	0	47500
Supporting Data																			
Total Number	17	15	18	24	22	18	15	35	32	53	42	31	17	4	6	6	6	4	363
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1

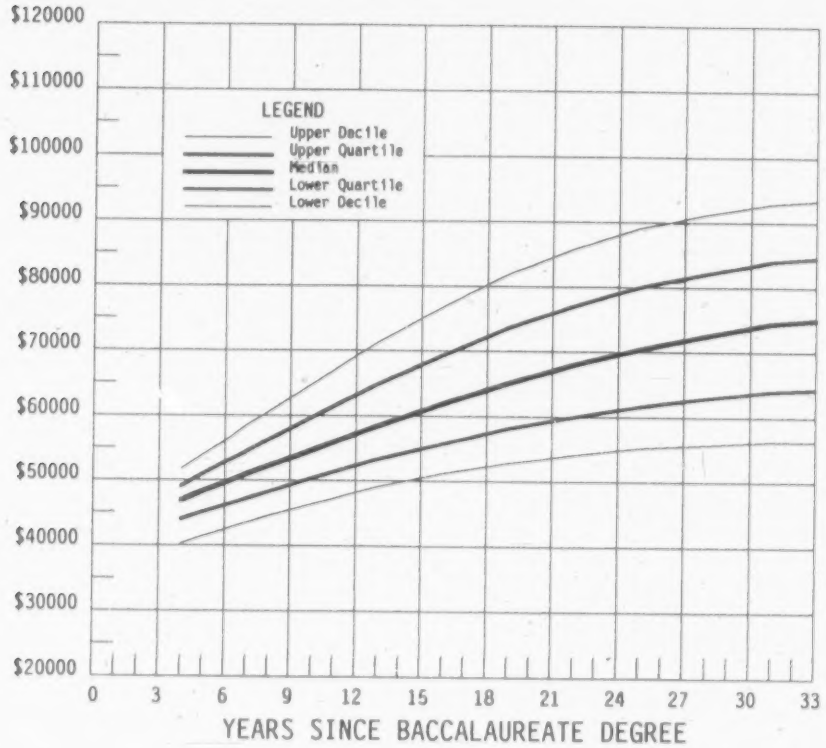
SALARY CURVES FOR ENGINEERS IN RESEARCH LABORATORIES
ALL ENGINEERS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: RESEARCH LABORATORIES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	40400	42550	44750	47050	49350	51700	54100	56500	58900	63600	70250	76100	80800	84300	86650	88050	88700	88900	77850
Upper Quartile	38000	40000	42000	44050	46100	48250	50350	52450	54550	58700	64400	69250	73150	75900	77700	78700	79100	79050	66700
Median	35850	37600	39400	41200	43050	44900	46700	48550	50300	53750	58450	62300	65300	67300	68550	69150	69300	69000	56700
Lower Quartile	33050	34650	36250	37900	39500	41150	42750	44350	45900	48900	52850	56050	58400	59950	60800	61150	61200	60700	47850
Lower Decile	30100	31550	32950	34400	35850	37300	38750	40150	41550	44150	47600	50350	52300	53600	54250	54450	54400	53850	40350
Mean	35700	37450	39250	41100	42950	44800	46650	48500	50350	53850	58750	62850	66050	68300	69750	70550	70900	70800	58150
Raw (Unsmoothed) Statistics																			
Upper Decile	39450	41000	44300	46400	49600	52800	54500	58350	60850	64900	69400	73900	78150	82450	85550	89100	91300	90600	77850
Upper Quartile	35500	37600	41800	43950	46900	49700	51300	54600	56950	59700	63000	66400	70450	75250	77050	80050	80450	80850	66700
Median	33600	34750	38450	41800	44000	46400	47500	50900	52400	54950	57400	60000	62100	66250	66950	70250	70650	71600	56700
Lower Quartile	32450	32750	34850	38350	40100	41650	43100	45750	47700	50300	52350	54400	56050	58850	59050	61300	62150	63150	47850
Lower Decile	31050	30300	31600	34600	35900	37650	39100	41250	43000	45100	47200	49150	50600	53350	53150	54800	55050	55050	40350
Mean	34650	35350	38400	41250	43450	45800	47150	50200	52250	55100	57950	60800	63300	67300	68650	71550	72250	72700	58150
Supporting Data																			
Total Number	274	641	849	1061	1160	1112	1116	1261	1112	3677	2830	2391	2118	1782	2170	1512	1295	2229	28595
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	2	2	9
Less Than $22000	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2

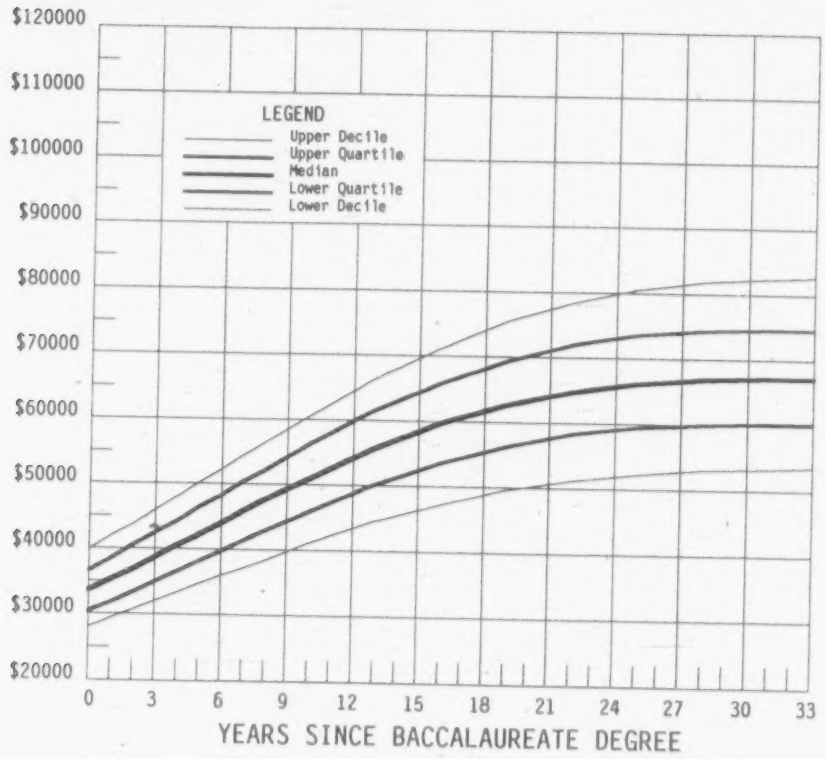
SALARY CURVES FOR ENGINEERS IN RESEARCH LABORATORIES SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: RESEARCH LABORATORIES, SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	51750	53950	56100	58300	60500	64850	71100	76800	81750	85800	88950	91250	92900	94850	79700
Upper Quartile	0	0	0	0	49150	50900	52700	54450	56250	59700	64750	69400	73500	77050	79950	82250	84000	86450	67850
Median	0	0	0	0	47000	48250	49550	50850	52150	54650	58350	61850	65050	67900	70450	72600	74300	77050	57400
Lower Quartile	0	0	0	0	43950	45050	46150	47250	48300	50350	53250	55850	58100	60050	61650	62950	63900	65350	49400
Lower Decile	0	0	0	0	40400	41450	42500	43550	44550	46450	49000	51100	52850	54150	55100	55800	56250	56750	42550
Mean	0	0	0	0	46650	48100	49550	51000	52450	55250	59250	62950	66250	69100	71450	73400	74850	77000	59600
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	49950	53750	55300	59100	62200	66600	71050	75500	79300	83850	88150	92350	96650	97250	79700
Upper Quartile	0	0	0	0	47850	50450	52000	55350	58050	61050	64150	67900	71900	77300	79450	83400	86450	87350	67850
Median	0	0	0	0	45200	47950	48800	52150	53600	56000	58300	60650	62250	68150	70100	74050	76750	78050	57400
Lower Quartile	0	0	0	0	42300	44800	45250	48350	49400	51600	53450	55300	56150	59200	61150	62300	65300	68150	49400
Lower Decile	0	0	0	0	39400	41450	41750	44500	44850	47450	48600	50600	51350	54250	55700	55350	57600	57400	42550
Mean	0	0	0	0	45250	47800	48700	51950	53650	56550	59150	62000	64000	68850	71150	74050	77250	78350	59600
Supporting Data																			
Total Number	124	389	436	659	724	694	642	845	734	2506	1903	1588	1428	1155	1290	852	638	920	17519
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	2	2	9
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SALARY CURVES FOR ENGINEERS IN RESEARCH LABORATORIES NON-SUPERVISORS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: RESEARCH LABORATORIES, NON-SUPERVISORY

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
								Smooth Curve Data											
Upper Decile	39850	41800	43800	45900	47950	50100	52200	54300	56450	60550	66300	71300	75350	78400	80500	81800	82500	82900	74350
Upper Quartile	36650	38500	40450	42400	44350	46350	48350	50350	52350	56200	61500	66000	69450	71950	73500	74300	74600	74400	65250
Median	33500	35200	36900	38700	40450	42250	44050	45850	47600	51050	55750	59700	62800	64900	66250	66900	67150	66950	55400
Lower Quartile	30300	31800	33350	34950	36550	38150	39750	41350	42900	45950	50150	53700	56400	58300	59450	60050	60250	60050	44950
Lower Decile	28050	29350	30650	31950	33250	34600	35900	37200	38500	41000	44400	47300	49600	51250	52400	53100	53450	53650	37100
Mean	33700	35350	37050	38800	40550	42300	44100	45850	47600	51000	55700	59700	62850	65150	66650	67500	67900	67950	55800
								Raw (Unsmoothed) Statistics											
Upper Decile	38050	41850	44100	44500	47950	51500	52950	55450	58150	61150	65350	69250	74550	78050	80450	82650	81250	83200	74350
Upper Quartile	35650	37350	40200	41850	44650	46600	49750	51850	54350	57200	60600	64400	67850	70750	71850	74800	74100	75500	65250
Median	34250	34050	35950	38600	40800	41850	44850	46300	49700	52350	55400	58700	61850	64100	63150	67150	67300	68100	55400
Lower Quartile	32550	30350	32450	34650	35900	38100	40800	41700	44950	47100	50150	52550	55550	58050	56600	60450	59850	61150	44950
Lower Decile	30850	28000	29800	31350	32850	35000	36750	37350	40450	41300	44600	46400	49000	51100	50850	54250	52950	53900	37100
Mean	34650	34250	36450	38250	40450	42500	44950	46600	49450	51850	55400	58450	61850	64550	64900	68200	67350	68700	55800
								Supporting Data											
Total Number	149	251	415	402	436	416	474	420	379	1171	929	804	692	627	877	657	657	1310	11078
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2

1990 ENGINEERING SALARY STATISTICS: RESEARCH LABORATORIES, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	38250	40200	42250	44300	46450	48600	50800	53000	55200	59600	65900	71600	76350	80100	82800	84650	85750	86750	74050
Upper Quartile	35500	37250	39050	40900	42800	44700	46600	48550	50450	54250	59650	64450	68500	71650	73950	75500	76450	77350	61450
Median	33550	35000	36450	37950	39500	41000	42500	44050	45550	48500	52700	56500	59700	62350	64350	65850	66850	68100	49050
Lower Quartile	31300	32200	33450	34650	37650	40650	43400	45700	47500	49700	51050	51400	51500	51500	51500	51500	51500	51500	39100
Lower Decile	29000	29550	31600	32600	34150	36800	39150	41100	42650	44600	45750	46050	46100	46100	46100	46100	46100	46100	34100
Mean	33800	35250	36750	38300	39850	41400	42950	44550	46100	49150	53500	57450	60800	63600	65700	67300	68400	69750	51750
Raw (Unsmoothed) Statistics																			
Upper Decile	36800	39500	43100	45000	47050	49350	50400	53050	55950	60150	64550	70200	75550	80450	79250	84550	88700	85600	74050
Upper Quartile	34850	35750	40000	41950	43150	44950	46500	49750	51700	54950	58700	62900	65750	71800	70500	75900	77750	77250	61450
Median	33400	34350	36400	38700	39650	40700	42400	44750	46550	49600	52450	55500	58250	62050	61100	66450	67050	68150	49050
Lower Quartile	32350	32450	33550	35600	36250	37650	38500	40200	41900	44200	46400	49400	51600	54900	54450	56800	58600	59900	39100
Lower Decile	30850	29900	30600	32250	33250	34900	35050	36850	38050	39550	41350	43600	47150	49100	49200	51100	51300	52650	34100
Mean	33900	34550	36800	38850	39900	41500	42700	44950	47050	49950	53100	56650	59800	63700	63200	67200	69000	69300	51750
Supporting Data																			
Total Number	249	556	565	503	456	378	318	306	254	766	467	392	396	305	528	343	475	945	8223
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Less Than $22000	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2

1990 ENGINEERING SALARY STATISTICS: RESEARCH LABORATORIES, SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	50400	51800	53400	55100	57000	61050	67500	73900	79550	84100	87350	89450	90600	91350	78750
Upper Quartile	0	0	0	0	46500	47800	49200	50750	52350	55800	61200	66450	71150	74950	77750	79600	80650	81400	63750
Median	0	0	0	0	43050	44200	45400	46650	47950	50650	54850	59000	62900	66200	68900	70850	72150	73300	50400
Lower Quartile	0	0	0	0	39800	40550	41350	42250	43250	45400	48850	52250	55350	57950	59900	61200	62000	62600	40650
Lower Decile	0	0	0	0	37650	37850	38250	38850	39550	41200	43950	46700	49100	50900	52150	52900	53300	53500	35150
Mean	0	0	0	0	43550	44600	45750	47000	48350	51150	55600	59950	63900	67200	69700	71400	72400	73150	53950
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	49500	52500	54100	54550	57850	62300	66300	71500	76550	84550	84700	88850	96900	94650	78750
Upper Quartile	0	0	0	0	45500	48250	49550	51900	52700	57000	60200	64650	66200	76350	74500	80600	87050	84550	63750
Median	0	0	0	0	41750	44300	45600	48800	48700	52100	54450	56850	57800	66150	66850	71400	76200	77150	50400
Lower Quartile	0	0	0	0	38900	40600	41400	44200	42800	46950	47500	50850	51850	57800	58100	59300	64900	67150	40650
Lower Decile	0	0	0	0	37050	38150	37800	40400	39600	42050	41850	46000	47700	52400	51500	52350	55250	54950	35150
Mean	0	0	0	0	42600	44850	45950	48350	48700	52400	54550	58200	60150	67750	67500	70900	76800	76600	53950
Supporting Data																			
Total Number	109	350	279	247	199	163	131	133	113	366	207	210	202	152	245	151	190	334	3776
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: RESEARCH LABORATORIES, NON-SUPERVISORY, BS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	35900	37800	39750	41750	43850	45950	48050	50200	52300	56550	62550	67850	72150	75450	77700	79100	79800	80200	70000
Upper Quartile	34300	35900	37500	39200	40900	42600	44350	46050	47800	51150	56000	60300	64000	66900	69100	70650	71700	72800	60100
Median	32100	33450	34850	36300	37750	39200	40650	42100	43550	46400	50500	54200	57400	60050	62100	63650	64750	66150	47750
Lower Quartile	29850	31000	32200	33350	34550	35750	36950	38150	39300	41650	45000	48050	50750	53000	54900	56350	57450	59000	37800
Lower Decile	27250	27600	29600	31800	32250	35000	37600	39750	41500	43700	45000	45350	45450	45450	45450	45450	45450	45450	33050
Mean	32100	33500	34950	36450	37900	39400	40900	42400	43900	46850	51000	54800	58050	60700	62750	64250	65300	66600	49850
Raw (Unsmoothed) Statistics																			
Upper Decile	36950	37800	39750	40850	43800	44750	46800	50250	54750	58100	63250	67050	74300	74100	74150	79450	78350	78200	70000
Upper Quartile	35400	35500	36800	39100	41250	41600	43900	45900	50300	52150	57100	59950	65200	66250	63800	70650	70500	71800	60100
Median	34100	32550	34050	36100	37650	38900	40600	42150	45500	47250	51350	53550	58900	59200	57950	63550	63700	65050	47750
Lower Quartile	32450	29700	31300	33100	34350	36200	37100	38200	40900	42200	45600	47700	51350	52250	52500	55350	56200	58000	37800
Lower Decile	30750	27450	28950	30500	31650	33900	33650	35250	37150	38100	41100	41950	45450	46750	47250	50400	49850	51650	33050
Mean	34150	32850	34300	36000	37800	39000	40450	42400	45750	47650	51900	54800	59350	59700	59450	64350	63800	65250	49850
Supporting Data																			
Total Number	139	205	285	257	258	216	187	173	141	402	261	182	194	153	281	192	284	611	4446
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2

1990 ENGINEERING SALARY STATISTICS: RESEARCH LABORATORIES, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	45900	48100	50300	52550	54800	57050	59350	63750	70000	75500	80000	83450	85900	87450	88350	89000	75700
Upper Quartile	0	0	44600	46350	48100	49900	51650	53400	55150	58550	63350	67650	71300	74300	76600	78300	79500	81000	64550
Median	0	0	43100	44450	45850	47200	48550	49900	51200	53750	57300	60450	63150	65350	67100	68500	69450	70800	55400
Lower Quartile	0	0	41200	42300	43400	44450	45500	46550	47550	49500	52200	54550	56550	58250	59550	60600	61400	62450	48600
Lower Decile	0	0	39150	40050	40950	41850	42700	43500	44350	45850	47950	49750	51250	52500	53500	54250	54800	55600	43650
Mean	0	0	42850	44300	45800	47250	48700	50150	51550	54300	58150	61550	64450	66800	68650	70050	71100	72400	57800
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	45800	46600	49750	52850	53900	58100	60850	66050	69300	72400	77300	81750	85750	89050	90500	90100	75700
Upper Quartile	0	0	43350	45050	47800	50200	51550	54700	57100	59900	62600	64500	69600	74600	76450	79400	80200	81850	64550
Median	0	0	41000	43100	45500	47900	48500	51500	52850	55100	56350	58450	61200	65350	66000	68900	70800	72450	55400
Lower Quartile	0	0	39100	41550	43200	44900	45050	47400	48750	50900	51650	53200	54850	57850	58650	60300	62200	64300	48600
Lower Decile	0	0	37600	39550	41200	41850	42050	44000	45350	47100	47300	48500	50000	52350	53100	54650	56200	55750	43650
Mean	0	0	41300	43250	45500	47650	48300	51150	53050	55800	57450	59400	62350	66400	68250	70850	72350	73500	57800
Supporting Data																			
Total Number	20	82	279	551	684	689	713	809	695	2227	1545	1131	989	814	889	654	485	773	14035
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: RESEARCH LABORATORIES, SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	51200	53450	55750	58050	60350	64850	71200	76900	81600	85250	87900	89650	90700	91600	76400
Upper Quartile	0	0	0	0	49250	51000	52750	54500	56200	59600	64450	68900	72750	76050	78650	80700	82250	84300	64450
Median	0	0	0	0	47550	48700	49850	50950	52100	54350	57600	60750	63750	66450	68900	71000	72800	75650	55350
Lower Quartile	0	0	0	0	45250	46150	47000	47850	48700	50350	52650	54800	56700	58350	59750	60950	61900	63400	49100
Lower Decile	0	0	0	0	42600	43400	44150	44850	45550	46900	48700	50300	51650	52750	53650	54400	54950	55700	44350
Mean	0	0	0	0	47350	48650	50000	51300	52650	55200	58850	62200	65200	67750	69950	71750	73100	75200	58150
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	49800	53050	54250	58800	61850	67150	71000	74000	78200	82900	87250	93200	94200	95750	76400
Upper Quartile	0	0	0	0	48150	50450	51800	55200	57800	61300	64000	65850	70650	76650	78450	82550	84750	86450	64450
Median	0	0	0	0	45850	48350	49050	52250	53600	55750	57150	58750	61100	67100	68450	72100	76500	77750	55350
Lower Quartile	0	0	0	0	43800	46000	46050	48750	49650	51600	52500	53650	54850	57600	59600	60050	64750	66650	49100
Lower Decile	0	0	0	0	41700	43550	43100	45150	46650	47900	48100	49500	50450	52500	54500	53900	56850	56750	44350
Mean	0	0	0	0	46000	48400	48950	52150	53850	56750	58450	60250	62800	67500	69850	72850	76300	77400	58150
Supporting Data																			
Total Number	12	39	150	409	515	512	477	634	520	1733	1139	774	712	543	556	370	255	330	9675
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: RESEARCH LABORATORIES, NON-SUPERVISORY, MS

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	46100	47750	49450	51150	52850	54550	56250	59650	64600	69200	73450	77150	80250	82850	84850	87850	74200
Upper Quartile	0	0	44450	45900	47350	48800	50250	51700	53150	55950	60050	63800	67200	70200	72700	74750	76400	78800	64750
Median	0	0	41850	43050	44300	45550	46750	48000	49200	51600	55000	58200	61050	63550	65700	67500	68900	71050	55450
Lower Quartile	0	0	39500	40500	41500	42450	43450	44400	45400	47300	50050	52650	55050	57250	59200	60850	62200	64350	47200
Lower Decile	0	0	37200	37950	38750	39500	40300	41050	41800	43350	45500	47600	49500	51250	52800	54150	55250	57050	42150
Mean	0	0	41650	42900	44150	45400	46650	47900	49150	51600	55150	58400	61450	64100	66400	68300	69850	72200	57100
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	45900	46500	49300	52250	53050	54450	58100	59950	63650	67650	74100	77850	82050	83150	80950	84850	74200
Upper Quartile	0	0	44100	44550	46550	49550	50850	51750	54650	56950	59550	63100	67050	70000	71150	74350	74150	77650	64750
Median	0	0	41400	42450	44400	45400	46700	47450	50300	52850	54500	57900	61350	63550	63600	66700	67950	69800	55450
Lower Quartile	0	0	38950	40200	41650	41950	43350	44000	46550	48550	49600	51950	54850	58550	57050	60500	60850	63150	47200
Lower Decile	0	0	36200	38150	38150	38750	41050	40750	43650	44300	45350	46750	48300	51500	51050	55600	55300	55150	42150
Mean	0	0	41150	42250	43950	45450	47000	47550	50600	52550	54700	57650	61150	64300	65500	68150	68000	70550	57100
Supporting Data																			
Total Number	8	43	127	143	169	176	236	173	174	492	408	356	276	270	333	286	231	441	4362
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: RESEARCH LABORATORIES, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	58950	60050	61250	62550	65350	70100	75100	80050	84600	88400	91400	93450	95500	83400
Upper Quartile	0	0	0	0	0	57450	58000	58700	59500	61500	65100	69100	73150	76900	80150	82650	84400	86150	74200
Median	0	0	0	0	0	54750	55150	55700	56300	57700	60250	63050	65950	68800	71300	73400	75000	76900	64150
Lower Quartile	0	0	0	0	0	51700	52250	52800	53350	54550	56450	58400	60300	62150	63850	65300	66450	68100	58350
Lower Decile	0	0	0	0	0	49250	49800	50350	50850	51900	53450	54900	56300	57600	58750	59800	60650	62100	54250
Mean	0	0	0	0	0	54350	55050	55800	56600	58350	61250	64300	67400	70300	72850	74950	76550	78400	67200
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	59250	59450	61950	63600	64250	70850	76050	79450	83600	87700	90800	95000	95550	83400
Upper Quartile	0	0	0	0	0	57250	57500	58800	59750	61650	64950	69150	73050	76900	80250	82750	83650	85500	74200
Median	0	0	0	0	0	53400	54100	55500	56750	58200	60400	63000	64650	68900	71800	74550	74600	75650	64150
Lower Quartile	0	0	0	0	0	51250	50550	52750	53550	54850	56700	58550	59800	61800	63600	65350	66850	67800	58350
Lower Decile	0	0	0	0	0	50050	47950	50200	51050	52050	53750	55000	56050	57350	58650	59500	61200	61550	54250
Mean	0	0	0	0	0	54100	53800	55750	57100	58400	61600	64450	66550	70050	72900	75250	76700	77800	67200
Supporting Data																			
Total Number	5	3	6	6	20	44	85	147	163	683	817	867	731	663	748	507	330	507	6338
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	0	1	6
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

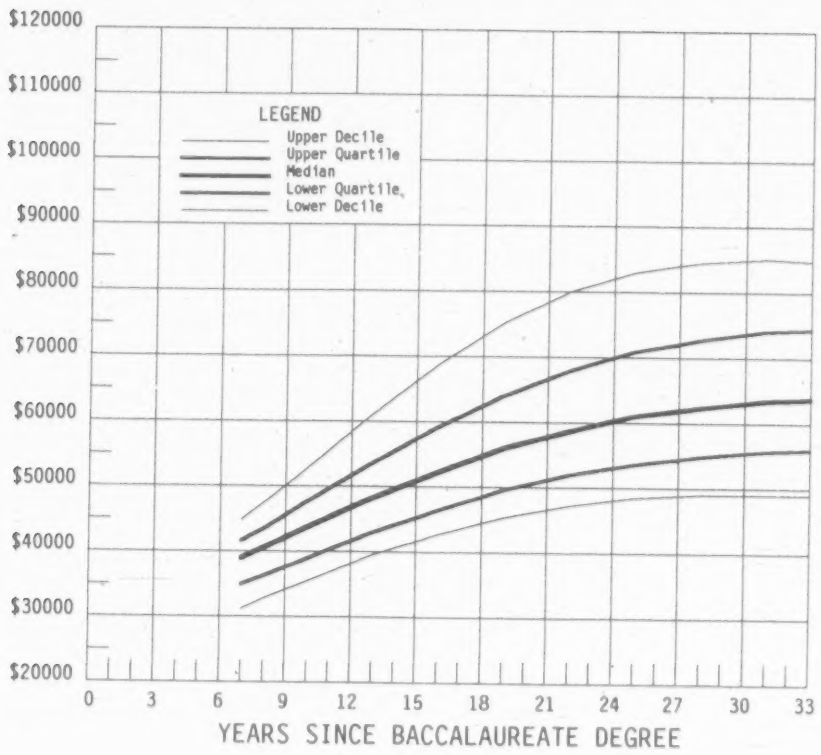
1990 ENGINEERING SALARY STATISTICS: RESEARCH LABORATORIES, SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	59850	61150	62550	63950	66950	71700	76650	81500	86050	90100	93400	95950	98900	85200
Upper Quartile	0	0	0	0	0	58400	58900	59550	60350	62400	66100	70300	74650	78700	82250	85000	86900	88850	76100
Median	0	0	0	0	0	57350	57400	57500	57650	58500	60600	63350	66450	69650	72600	75200	77200	79600	64650
Lower Quartile	0	0	0	0	0	54000	54250	54550	54900	55650	57100	58700	60450	62150	63750	65150	66350	68000	58850
Lower Decile	0	0	0	0	0	50500	51000	51500	52000	52950	54300	55600	56750	57700	58550	59200	59700	60300	55300
Mean	0	0	0	0	0	56100	56600	57200	57850	59400	62150	65150	68250	71250	73900	76150	77800	79850	68400
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	59900	61400	62600	65550	65800	71850	78300	80950	84500	89450	92900	99050	103300	85200
Upper Quartile	0	0	0	0	0	58250	59050	59400	60800	62300	65850	70750	74650	78200	82200	85250	88050	91350	76100
Median	0	0	0	0	0	55500	56950	56800	57850	59000	60900	63300	64750	69700	73800	76850	77600	80250	64650
Lower Quartile	0	0	0	0	0	52700	53500	54050	54900	56150	57150	59000	59500	61600	64600	65500	66300	70300	58850
Lower Decile	0	0	0	0	0	50700	49600	51400	52000	53350	54050	55950	56250	57350	59150	58800	60750	62100	55300
Mean	0	0	0	0	0	55500	55950	56750	58300	59500	62300	65500	67200	70800	74450	76700	78900	81850	68400
Supporting Data																			
Total Number	3	1	5	5	11	22	36	78	103	409	559	605	515	461	489	333	193	253	4072
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	1	0	1	6
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

1990 ENGINEERING SALARY STATISTICS: RESEARCH LABORATORIES, NON-SUPERVISORY, PHD

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	59400	59550	60050	60800	62950	67100	71850	76500	80550	83700	85950	87300	88350	78950
Upper Quartile	0	0	0	0	0	56400	56600	57050	57700	59550	63200	67200	71100	74450	77100	78900	80000	80850	71400
Median	0	0	0	0	0	53000	53350	53900	54550	56150	59050	62250	65400	68250	70550	72250	73400	74450	63550
Lower Quartile	0	0	0	0	0	50800	51050	51400	51850	53050	55250	57750	60250	62550	64450	65950	66950	67950	57100
Lower Decile	0	0	0	0	0	49250	49350	49500	49800	50550	52100	53950	55900	57800	59500	60950	62000	63300	52700
Mean	0	0	0	0	0	53700	53850	54200	54750	56300	59300	62700	66000	68950	71350	73050	74100	75000	64950
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	58250	57800	61050	61150	63300	68050	71100	74950	80000	83200	83600	85300	87900	78950
Upper Quartile	0	0	0	0	0	55250	55200	57450	57850	60350	63400	66750	70050	73650	76350	77850	78400	79800	71400
Median	0	0	0	0	0	52000	52250	54100	54650	56650	59400	62300	64350	67900	69250	71500	72450	73000	63550
Lower Quartile	0	0	0	0	0	50600	49500	51400	52100	53500	55850	57250	60350	62250	62350	65250	67300	66350	57100
Lower Decile	0	0	0	0	0	48800	47500	49300	50000	51000	53300	53500	55300	57450	57800	60700	62700	61300	52700
Mean	0	0	0	0	0	52700	52250	54650	55000	56850	60000	62100	64950	68450	70000	72400	73550	73700	64950
Supporting Data																			
Total Number	2	2	1	1	9	22	49	69	60	277	258	262	216	200	258	174	137	254	2266
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SALARY CURVES FOR ENGINEERS IN OTHER NON-MANUFACTURING INDUSTRIES
ALL ENGINEERS, ALL DEGREE LEVELS



1990 ENGINEERING SALARY STATISTICS: OTHER NON-MANUFACTURING INDUSTRIES

Years Since B.S.	0	1	2	3	4	5	6	7	8	9-11	12-14	15-17	18-20	21-23	24-26	27-29	30-32	33+	Totals
Smooth Curve Data																			
Upper Decile	0	0	0	0	0	0	0	44800	47450	52900	61100	68750	75150	79900	82950	84500	85000	84250	76200
Upper Quartile	0	0	0	0	0	0	0	41600	43550	47600	53600	59150	64000	67950	70900	72900	74200	75400	64700
Median	0	0	0	0	0	0	0	39050	40650	43750	48250	52350	55900	58750	60950	62500	63550	64700	51600
Lower Quartile	0	0	0	0	0	0	0	34900	36250	39000	42950	46450	49500	51900	53650	54900	55750	56600	42500
Lower Decile	0	0	0	0	0	0	0	31300	32700	35500	39400	42800	45450	47300	48450	49000	49150	48800	35900
Mean	0	0	0	0	0	0	0	38450	40250	43850	49150	53900	57950	61150	63400	64850	65700	66300	54150
Raw (Unsmoothed) Statistics																			
Upper Decile	0	0	0	0	0	0	0	45500	0	53900	58800	66400	70400	96250	86250	85500	78800	83650	76200
Upper Quartile	0	0	0	0	0	0	0	43500	0	46400	52600	64000	55600	74500	74500	74500	73500	74000	64700
Median	0	0	0	0	0	0	0	41000	0	42500	48200	53000	53000	58000	66000	66000	63350	63000	51600
Lower Quartile	0	0	0	0	0	0	0	35000	0	38600	44300	45000	48500	49250	55750	57500	57000	55600	42500
Lower Decile	0	0	0	0	0	0	0	32000	0	34400	41450	40400	44600	44750	53500	50900	47900	48200	35900
Mean	0	0	0	0	0	0	0	39650	0	42900	49900	52700	54450	64250	66800	66600	64250	65400	54150
Supporting Data																			
Total Number	1	4	5	4	4	5	5	10	8	24	26	16	14	15	15	19	13	38	226
$125,000 or More	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Less Than $22000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

APPENDICES:

List of Survey Participants, by Industry Sector

Copies of the Survey Instruments

Blank Form for Plotting Curves

1990 SALARY SURVEY PARTICIPANTS, BY INDUSTRIAL SECTOR

AEROSPACE

CAE-Link Flight Simulation, Houston, Texas
Contraves Goerz Corporation, Pittsburgh, Pennsylvania (also classed with Electric Machinery, Electronic Equipment)
Cox & Company, Inc., New York, New York (also classed with Electronic Equipment)
Dynamic Controls Corporation, South Windsor, Connecticut (primary classification: Electronic Equipment)
General Dynamics/Fort Worth Division, Fort Worth, Texas (also classed with Electronic Equipment)
Grumman Corporation, Bethpage, New York (also classed with Electronic Equipment)
Howmet Corporation, Dover, New Jersey
Ithaco, Inc., Ithaca, New York (primary classification: Electronics Equipment)
Learjet Corporation, Wichita, Kansas
Litton Instruments & Life Support (formerly Clifton Precision; also classed with Precision Instruments)
Loral Defense Systems, Litchfield Park, Arizona
LTV Missiles Division, Vought Corporation, Dallas, Texas (also classed with Electronic Equipment)
Micro Craft, Inc., Tullahoma, Tennessee (four locations; also classed with Fabricated Metal Products, Engineering Services)
Norden Systems, Inc., Melville, New York
Rocket Research Company, Redmond, Washington (also classed with Research Organizations)
Teledyne Brown Engineering/Aerospace Group, Huntsville, Alabama (also classed with Research Organizations)
Thomas/Scifers, Inc., Manhattan Beach, California (also classed with Computing Systems, Research Organizations)

BASIC METALS

Carpenter Technology Corporation, Reading, Pennsylvania
Inland Steel Company, East Chicago, Indiana
LTV Steel Company, Inc., Cleveland, Ohio
Reynolds Metals, Corpus Christi, Texas
The Timken Company, Canton, Ohio (primary classification: Fabricated Metal Products)
U.S. Reduction Company, Munster, Indiana

CHEMICALS, DRUGS & PLASTICS

Air Products & Chemicals, Inc., Allentown, Pennsylvania (also classed with Electric Machinery, Non-Electric Machinery)
Chevron Corporation, San Francisco, California (primary classification: Petroleum)
Dow Chemical U.S.A., Midland, Michigan
E. I. Du Pont de Nemours & Co., Wilmington, Delaware
Fuel Tech, Inc., Stamford, Connecticut (also classed with Other Durable Goods Manufacturers)
Georgia Gulf Corporation, Atlanta, Georgia
Haldor Topsoe Inc., Houston, Texas (also classed with Consulting Services)
Henkel Corporation, Ambler, Pennsylvania
Knapp Chemical, Inc., Lodi, New Jersey
Linnhoff March, Inc., Leesburg, Virginia (also classed with Computing Systems, Consulting Services)
Martin Marietta Energy Systems, Inc., Piketon, Ohio
Mississippi Chemical Corporation, Yazoo City, Mississippi
National Starch & Chemical Corp., Bridgewater, New Jersey
Rohm & Haas Company, Philadelphia, Pennsylvania
Scott Gases, Inc., Plumsteadville, Pennsylvania (also classed with Engineering Services)
Tupperware Co., Woonsocket, Rhode Island (also classed with Electric Machinery, Non-Electric Machinery)

COMMUNICATION SERVICES

Carolina Telephone & Telegraph Co., Tarboro, North Carolina
Chiyoda International Co., Seattle, Washington (primary classification: Consulting Services)
Illinois Bell Telephone Co., Chicago, Illinois
Lincoln Telephone & Telegraph Co., Lincoln, Nebraska
MCI Communications Corporation, Washington, D.C.
Quintron Systems, Inc., Vanderberg AFB, California
U.S. West Communications, Seattle, Washington (formerly Pacific Northwest Bell Telephone Co.)

COMPUTING SYSTEMS (including either hardware or software)

Applied Magnetics Corporation, Goleta, California
Computer Science Corporation, Special Projects Division, Falls Church, Virginia
Datakey, Inc., Burnsville, Minnesota (primary classification: Electronic Equipment)
Gandalf Data, Inc., Wheeling, Illinois (also classed with Electronic Equipment)
Harris Corporation, Government Support Systems Division, Syosset, New York (primary classification: Electronic Equipment)
Linnhoff March, Inc., Leesburg, Virginia (primary classification: Chemicals, Drugs & Plastics)
Norris-Repke, Inc., Tustin, California (primary classification: Consulting Services)
Ocean & Atmospheric Science, Dobbs Ferry, New York (primary classification: Electronic Equipment)
Racal Corporation, Fort Lauderdale, Florida
Summagraphics Corporation, Fairfield, Connecticut
Thomas/Scifers, Inc., Manhattan Beach, California (primary classification: Aerospace)

CONSTRUCTION

CBI Industries Inc., Oakbrook, Illinois (also classed with Engineering Services)
Ebasco Services, Inc., New York, New York (primary classification: Consulting Services)
Fru-Con Corporation, Ballwin, Missouri (also classed with Consulting Services)
Kaiser Engineers Hanford, Richland, Washington (also classed with Engineering Services)
Kiewit Construction Group, Inc., Omaha, Nebraska
Nolte & Associates, San Jose, California (primary classification: Consulting Services)
Riley Consolidated, Inc., Worcester, Massachusetts (primary classification: Engineering Services)
Sverdrup Corporation, St. Louis, Missouri (primary classification: Consulting Services)

CONSULTING SERVICES (see also Engineering Services)

Acres International Corporation, Amherst, New York
ANCO Engineers, Inc., Culver City, California (also classed with Research Organizations)
Boyd, Brown, Stude & Cambern, Kansas City, Missouri
Burgess & Niple, Columbus, Ohio
Burns & McDonnel, Kansas City, Missouri
CH2M Hill, Inc., Englewood, Colorado (also classed with Engineering Services)
Chiyoda International Company, Seattle, Washington (also classed with Engineering Services, Communication Services)
Clyde E. Williams & Associates, South Bend, Indiana
Construction Technology Laboratories, Inc., Skokie, Illinois
Design Automation Inc., Lexington, Massachusetts (also classed with Research Organizations)
Dewberry & Davis, Fairfax, Virginia
Ebasco Services, Inc., New York, New York (also classed with Construction, Engineering Services)
Edwards & Kelcey, Inc., Livingston, New Jersey (also classed with Engineering Services)
ETEC, Irvine, California
F. X. Browne Associates, Lansdale, Pennsylvania
Fay, Spofford & Thorndike, Inc., Lexington, Massachusetts
Fluor Daniel, Inc., Irvine, California (also classed with Engineering Services)
Franzoy-Corey Engineering Company, Phoenix, Arizona

Fru-Con Corporation, Ballwin, Missouri (primary classification: Construction)
Fugro-McClelland, Inc., Houston, Texas (formerly McClelland Consulting Services; also classed with Engineering Services)
Gannett Fleming, Harrisburg, Pennsylvania
Glosten Associates, Seattle, Washington (also classed with Engineering Services)
Goodkind & O'Dea, Inc., Rutherford, New Jersey
Graef, Anhalt, Schloemer & Associates, Milwaukee, Wisconsin
Greeley & Hanson, Chicago, Illinois
Haldor Topsoe Inc., Houston, Texas (primary classification: Chemicals, Drugs & Plastics)
Hardesty & Hanover, New York, New York
Harza Engineering Company, Chicago, Illinois
Howard Needles Tammen & Bergendoff, Milwaukee, Wisconsin
Jacobs Associates, San Francisco, California
Kidde Consultants, Inc., Baltimore, Maryland
L. R. Squier Associates, Inc., Lake Oswego, Oregon
Lawler, Matusky & Skelby Engineers, Pearl River, New York (also classed with Research Organizations)
Lester B. Knight & Associates, Inc., Chicago, Illinois
Linnhoff March, Inc., Leesburg, Virginia (primary classification: Chemicals, Drugs & Plastics)
McCrone, Inc., Annapolis, Maryland
McLaren Environmental Engineering, Rancho Cordova, California (also classed with Engineering Services)
Midwest Consulting Engineers, Chicago, Illinois (also classed with Engineering Services)
Nolte & Associates, San Jose, California (also classed with Construction, Engineering Services)
Norris-Repke, Inc., Tustin, California (also classed with Computing Systems, Engineering Services)
PDI Corporation, Annapolis, Maryland (also classed with Electronic Equipment)
Power Technologies, Inc., Schenectady, New York
RMT, Inc. Madison, Wisconsin (also classed with Engineering Services)
Robert H. Fuller & Associates, Columbus, Ohio (also classed with Engineering Services)
Rolf Jensen & Associates, Inc., Deerfield, Illinois
Rushmore Engineering, Rushmore Electric Power Cooperative, Rapid City, South Dakota (primary classification: Electric Utilities)
S. M. Stoller Corporation, Eastern Division, Pleasantville, New York
Sargent & Lundy, Chicago, Illinois
Schaaf & Wheeler, San Jose, California
Schnabel Engineering Associates, Inc., Bethesda, Maryland (formerly Schnabel Foundation Co.)
SDRC Engineering Services Div., Western Regional Operations, San Diego, California (also classed with Engineering Services)
Stanley Consultants Inc., Muscatine, Iowa
Sverdrup Corporation, St. Louis, Missouri (also classed with Construction)
Wilsey & Ham Pacific, Inc., Bellevue, Washington
Wright-Pierce Engineers, Topsham, Maine

ELECTRICAL MACHINERY

ADT Security Sustems, Inc., Parsippany, New Jersey
Air Products & Chemicals, Inc., Allentown, Pennsylvania (primary classification: Chemicals, Drugs & Plastics)
Allen-Bradley Company, Milwaukee, Wisconsin (also classed with Electronic Equipment)
Babcock Industries, Inc., Chain & Lifting Products Div., York, Pennsylvania (primary classsification: Fabricated Metal Products)
Bodine Electric Co., Chicago, Illinois
Contraves Goerz Corporation, Pittsburgh, Pennsylvania (primary classification: Aerospace)
Dictaphone Corporation (primary classification: Electronic Equipment)
Harvey Hubbell, Inc., Bridgeport, Connecticut
Hoover Company, North Canton, Ohio
Kennall Manufacturing Company, Chicago, Illinois
Milwaukee Electric Tool Corporation, Brookfield, Wisconsin
S&C Electric Company, Chicago, Illinois
Tupperware Co., Woonsocket, Rhode Island (primary classification: Chemicals, Drugs & Plastics)

United Technologies/Carrier, Syracuse, New York
Whirlpool Corporation, Benton Harbor, Michigan

ELECTRIC UTILITIES (includes mixed electric/gas utilities)

Allegheny Power Services Corp., Greensburg, Pennsylvania
American Electric Power Service Corp., Columbus, Ohio
Appalachian Power Company, Roanoke, Virginia
Arkansas Power & Light Company, Little Rock, Arkansas
Boston Edison, Boston, Massachusetts
Carolina Power & Light Company, Raleigh, North Carolina
Central Nebraska Public Power & Irrigation District, Holdrege, Nebraska
City Public Service Board, San Antonio, Texas
Commonwealth Edison Company, Chicago, Illinois
Cooperative Power Association, Eden Prairie, Minnesota
Deseret Generation & Transmission Co., Sandy, Utah
Detroit Edison, Detroit, Michigan
Electric Power of Chattanooga, Chattanooga, Tennessee
Gulf Power Company, Pensacola, Florida
Illinois Power Company, Decatur, Illinois
Indianapolis Power & Light Company, Indianapolis, Indiana
Iowa Resources, Des Moines, Iowa
Iowa-Illinois Gas & Electric Co., Davenport, Iowa
Kansas City Power & Light Company, Kansas City, Missouri
Metropolitan Edison Company, Reading, Pennsylvania
Minnesota Power, Duluth, Minnesota
Nebraska Public Power District, Columbus, Nebraska
New England Electric System, Westboro, Massachusetts
Niagara Mohawk Power Corporation, Syracuse, New York
Northern Neck Electric Cooperative, Warsaw, Virginia
Northwestern Wisconsin Electric Co., Grantsburg, Wisconsin
Pacific Gas & Electric Company, San Francisco, California
Penn Power & Light Company, Allentown, Pennsylvania
Potomac Edison Company, Hagerstown, Maryland
Public Service Electric & Gas Co., Newark, New Jersey
Public Service of New Hampshire, Manchester, New Hampshire
Rushmore Engineering/Rushmore Electric Power Cooperative, Rapid City, South Dakota (also classed with Consulting Services)
South Carolina Electric & Gas Co., Columbia, South Carolina
Springfield Utility Board, Springfield, Oregon
St. Johns River Power Park, Jacksonville, Florida
Tampa Electric Company, Tampa, Florida
Union Electric Company, St. Louis, Missouri
Virginia Power/North Carolina Power, Richmond, Virginia
West Penn Power Company, Greensburg, Pennsylvania
Wisconsin Electric Power Company, Milwaukee, Wisconsin

ELECTRONIC EQUIPMENT

Advanced Mechanical Technology Inc., Newton, Massachusetts (primary classification: Research Organizations)
Allen-Bradley Company, Milwaukee, Wisconsin (primary classification: Electrical Machinery)
Alpha Industries, Inc., Woburn, Massachusetts
Applied Microsystems Corporation, Redmond, Washington
American Telephone & Telegraph Co., Bernardsville, New Jersey
Belfort Instrument Division of Transtechnology Corp., Baltimore, Maryland (primary classification: Precision Instruments)

Contraves Goerz Corporation, Pittsburgh, Pennsylvania (primary classification: Aerospace)
Cox & Company, Inc., New York, New York (primary classification: Aerospace)
Datakey, Inc., Burnsville, Minnesota (also classed with Computing Systems)
Dictaphone Corporation, Stratford, Connecticut (also classed with Electric Machinery)
Dynamic Controls Corporation, South Windsor, Connecticut (also classed with Aerospace)
Emerson Industrial Controls, Grand Island, New York
Gandalf Data, Inc., Wheeling, Illinois (primary classification: Computing Systems)
General Dynamics/Fort Worth Division, Fort Worth, Texas (primary classification: Aerospace)
Grumman Corporation, Bethpage, New York (primary classification: Aerospace)
Harris Corporation, Farinon Division, San Carlos, California
Harris Corporation, Government Support Systems Division, Syosset, New York (also classed with Computing Systems)
Harris Corporation, Semiconductors Division, Melbourne, Florida
Harris Corporation, RF Communications Division, Rochester, New York
Hazeltine Corporation, Greenlawn, New York
Ithaco, Inc., Ithaca, New York (also classed with Aerospace, Precision Instruments)
ITT Corporation, Avionics Division, Nutley, New Jersey
Litton Systems, Inc., Amecom Division, College Park, Maryland
LNR Communications, Inc., Hauppauge, New York
LTV Missiles Division, Vought Corporation, Dallas, Texas (primary classification: Aerospace)
Lutron Electronics Company, Inc., Coopersburg, Pennsylvania
North American Phillips Corp., Magnavox Electronic Systems Co., Fort Wayne, Indiana
North American Phillips Corp., Magnavox Electronic Systems Co., Sterling, Virginia
Ocean & Atmospheric Science, Dobbs Ferry, New York (also classed with Computers, Precision Instruments)
PDI Corporation, Annapolis, Maryland (primary classification: Consulting Services)
Plantronics Data Communications Group, Frederick, Maryland
Racal Corporation, Fort Lauderdale, Florida (also classed with Computing Systems)
R. L. Drake Company, Franklin, Ohio
Sippican Ocean Systems, Inc., Marion, Massachusetts
Teledyne Avionics, Charlottesville, Virginia
Teledyne/Lewisburg, Lewisburg, Tennessee
Teledyne MEC, Mountain View, California

ENGINEERING SERVICES (see also Consulting Services)

Advanced Mechanical Technology Inc., Newton, Massachusetts (primary classification: Research Organizations)
Allendale Mutual Insurance Company, Johnston, Rhode Island
Arkwright Mutual Insurance Co., Waltham, Massachusetts
BDM International, Inc., McLean, Virginia
Brown & Root/Braun, Alhambra, California (formerly C. F. Braun, Inc.)
CBI Industries Inc., Oakbrook, Illinois (primary classification: Construction)
CH2M Hill, Inc., Englewood, Colorado (primary classification: Consulting Services)
Chiyoda International Company, Seattle, Washington (primary classification: Consulting Services)
Crown Iron Works (primary classification: Non-Electrical Machinery)
CSA Engineering Inc., Palo Alto, California (also classed with Research Organizations)
D'Appolonia Engrg Div., Ground Technology, Inc., Monroeville, Pennsylvania (primary classification: Consulting Services)
DeKalb Genetics Corporation, DeKalb, Illinois
Ebasco Services, Inc., New York, New York (primary classification: Consulting Services)
Edwards & Kelcey, Inc., Livingston, New Jersey (primary classification: Consulting Services)
Electrack Div. of EMJ/McFarland-Johnson Engineers, Inc., Binghamton, New York
Fluor Daniel, Inc., Irvine, California (primary classification: Consulting Services)
Fugro-McClelland, Inc., Houston, Texas (formerly McClelland Consulting Services; primary classification: Consulting Services)
General Research Corporation, McLean, Virginia
Glosten Associates, Seattle, Washington (primary classification: Consulting Services)

Graef, Anhalt, Schloemer & Associates, Milwaukee, Wisconsin (also classed with Consulting Services)
International Waste Energy Systems, St. Louis, Missouri
Kaiser Engineers Hanford, Richland, Washington (primary classification: Construction)
Martin Marietta Energy Systems, Inc., Oak Ridge, Tennessee (primary classification: Other Durable Goods Manufacturers)
McFarland-Johnson Division of EMJ/McFarland-Johnson Engineers, Inc., Binghamton, New York
McLaren Environmental Engineering, Rancho Cordova, California (primary classification: Consulting Services)
Micro Craft, Inc., Tullahoma, Tennessee (four locations) (primary classification: Aerospace)
Midwest Consulting Engineers, Chicago, Illinois (primary classification: Consulting Services)
Nolte & Associates, San Jose, California (primary classification: Consulting Services)
Norris-Repke, Inc., Tustin, California (primary classification: Consulting Services)
Riley Consolidated, Inc., Worcester, Massachusetts (also classed with Construction)
RMT, Inc. Madison, Wisconsin (primary classification: Consulting Services)
Robert H. Fuller & Associates, Columbus, Ohio (primary classification: Consulting Services)
Scott Gases, Inc., Plumsteadville, Pennsylvania (primary classification: Chemicals, Drugs & Plastics)
SDRC Engrg Svces Div., Western Regional Operations, San Diego, California (primary classification: Consulting Services)
Springborn Laboratories, Inc., Testing & Quality Assurance Division, Enfield, Connecticut
Sverdrup Technology, Inc., Tullahoma, Tennessee (eleven locations)
Underwriters Laboratories Inc., Northbrook, Illinois
University of Tennessee Space Institute, Energy Conservation Program, Tullahoma, Tennessee (primary classification: Research Organizations)
Westinghouse Energy Systems Business Unit, Pittsburgh, Pennsylvania
Westinghouse Hanford Company, Richland, Washington

FABRICATED METAL PRODUCTS

AMP Incorporated, Harrisburg, Pennsylvania (primary classification: Electronic Equipment)
Artisan Industries Inc., Waltham, Massachusetts (primary classification: Non-Electric Machinery)
Automatic Feed Company, Napoleon, Ohio (primary classification: Non-Electric Machinery)
Babcock Industries, Inc., Chain & Lifting Products Div., York, Pennsylvania (also classed with Electrical Machinery)
Dover Corporation/Bernard Division, Beecher, Illinois
Duo-Fast Corporation, Franklin Park, Illinois
Micro Craft, Inc., Tullahoma, Tennessee (four locations) (primary classification: Aerospace)
Murry Onio Manufacturing Co., Brentwood, Tennessee
NI Industries, Inc., Vernon Division, Los Angeles, California
Nordyne, St. Louis, Missouri
NTN Power Corporation, Franklin, Michigan
Schramm, Inc., West Chester, Pennsylvania (primary classification: Non-Electrical Machinery)
Sunstrand Corporation Fluid Handling Division, Arvada, Colorado (primary classification: Petroleum)
Templeton, Kenlt & Co., Inc., Broadview, Illinois
The Timken Company, Canton, Ohio (also classed with Basic Metals)
Torrington Company, Torrington, Connecticut
Zeller Corporation, Defiance, Ohio

GAS UTILITIES & PIPELINES

Battle Creek Gas Company, Battle Creek, Michigan
BP Exploration, Houston, Texas
Colorado Interstate Gas Company, Colorado Springs, Colorado
Columbia Gas Transmission Corp., Charleston, West Virginia
Dugan Production Corporation, Farmington, New Mexico (also classed with Petroleum)
Enron Liquid Fuels Company, Houston, Texas (primary classification: Petroleum)
Metropolitan Utilities District, Omaha, Nebraska (also classed with Local Government)
Southern Natural Gas Company, Birmingham, Alabama
St. Lawrence Gas Company, Inc., Massena, New York

Texas Gas Transmission Corporation, Owensboro, Kentucky
Western Kentucky Cas Company, Owensboro, Kentucky
W. M. Lyles Co., Fresno, California (primary classification: Construction)

NON-ELECTRICAL MACHINERY

Air Products & Chemicals, Inc., Allentown, Pennsylvania (primary classification: Chemicals, Drugs & Plastics)
Artisan Industries Inc., Waltham, Massachusetts (also classed with Fabricated Metal Products)
Automatic Feed Co., Napoleon, Ohio (also classed with Fabricated Metal Products)
C-E Cast Equipment Division, Combustion Engineering, Inc., Cleveland, Ohio
Crown Iron Works (also classed with Engineering Services)
Fuller Company, Bethlehem, Pennsylvania
Gehl Company, West Bend, Wisconsin
Goulds Pumps Inc., Senaca Falls, New York (five locations)
Ingersoll-Rand Construction Equipment Portable Compressor Division, Mocksville, North Carolina
Johnson Controls, Inc., Plastics Technology Group, Manchester, Minnesota
Leybold Vacuum Products, Inc., Export, Pennsylvania
Litton UHS, Hebron, Kentucky
Mahaffey & Harder, Fairfield, New Jersey
Manitowoc Engineering Company, Manitowoc, Wisconsin
Massey-Ferguson Inc., Des Moines, Iowa
Mixing Equipment Company, Rochester, New York
Nash Engineering Company, Norwalk, Connecticut
Outboard Marine, Waukegan, Illinois
Pellerin Milnor Corporation, Kenner, Louisiana
Schramm, Inc., West Chester, Pennsylvania (also classed with Fabricated Metal Products)
Sunstrand Corporation Fluid Handling Division, Arvada, Colorado (primary classification: Petroleum)
Tupperware Co., Woonsocket, Rhode Island (primary classification: Chemicals, Drugs & Plastics)

OTHER DURABLE GOODS MANUFACTURERS

Champion Spark Plug Company, Toledo, Ohio
Fuel Tech, Inc., Stamford, Connecticut (primary classification: Chemicals, Drugs & Plastics)
General Dynamics Corporation, Electric Boat Division, Groton, Connecticut
G.E. Nuclear Energy, San Jose, California (primary classification: Engineering Services)
Johnson Controls, Inc., Battery Group, Milwaukee, Wisconsin
Kimble Glass, Inc. Subsidiary of Owens-Illinois, Inc., Vineland, New Jersey
Mack Trucks, Inc., Product & Engineering Division, Allentown, Pennsylvania
Martin Marietta Energy Systems, Inc., Oak Ridge, Tennessee (also classed with Engineering Services)
Otto H. York Company, Inc., Parsippany, New Jersey
Pfalzgraff Company, York, Pennsylvania
Price Brothers Company, Dayton, Ohio
Radiation Systems Inc. SatCom Technologies Division, Duluth, Georgia
Raymond Corporation, Greene, New York
Riley Consolidated, Inc., Worcester, Massachusetts (primary classification: Engineering Services)

OTHER NONDURABLE GOODS MANUFACTURERS

American Tobacco Company, Chester, Virginia
Bowater Incorporated, Southern Division, Calhoun, Tennessee
Burlington Industries, Inc., Greensboro, North Carolina
Carnation Company, Los Angeles, California
Collins & Aikman Corporation, Charlotte, North Carolina
Consolidated Papers, Wisconsin Rapids, Wisconsin
Kimberly-Clark Corporation, Neenah, Wisconsin
Liquid Carbolic Industries Corp., Chicago, Illinois
Lord Corporation, Erie, Pennsylvania

Milliken & Company, Spartanburg, South Carolina
Vanity Fair Mills, Inc., Monroeville, Alabama

OTHER NON-MANUFACTURING

American Society of Agricultural Engineers, St. Joseph, Minnesota
Associated Universities, Inc. National Radio Astronomy Observatory, Charlottesville, Virginia
Hecla Mining Company, Coeur d'Alene, Idaho
Kiewit Mining Group, Inc., Omaha, Nebraska
North Jersey District Water Supply Company, Wanaque, New Jersey (also classed with Local Government)
Penton Publishing Inc., Welding Design & Fabrication, Cleveland, Ohio
Portland Cement Association, Skokie, Illinois
Riverside Research Institute, New York, New York
Water Pollution Control Federation, Alexandria, Virginia

PETROLEUM

Alta Energy Corporation, Midland, Texas
Burk Royalty Co., Wichita Falls, Texas
Chevron Corporation, San Francisco, California (also classed with Chemicals, Drugs & Plastics)
Dugan Production Corporation, Farmington, New Mexico (primary classification: Gas Utilities)
Enron Liquid Fuels, Houston, Texas (also classed with Gas Utilities)
Exxon Research & Engineering, Florham Park, New Jersey (primary classification: Research Organizations)
MESA Operating Limited Partnership, Amarillo, Texas
Sundstrand Corporation Fluid Handling Division, Arvada, Colorado (also classed with Fabricated Metal Products, Non-Electric Machinery)
Total Petroleum, Inc., Denver, Colorado

PRECISION INSTRUMENTS

Belfort Instrument Division of Transtechnology Corp., Baltimore, Maryland (also classed with Electronic Equipment)
Ithaco, Inc., Ithaca, New York (primary classification: Electronics Equipment)
Johnson Controls, Inc., Controls Group, Milwaukee, Wisconsin
Litton Instruments & Life Support (formerly Clifton Precision; primary classification: Aerospace)
MTS Systems Corporation, Eden Prairie, Minnesota
Ocean & Atmospheric Science, Dobbs Ferry, New York (primary classification: Electronic Equipment)
Welch Allyn, Inc., Skaneateles Falls, New York

RESEARCH ORGANIZATIONS

Advanced Mechanical Technology Inc., Newton, Massachusetts (also classed with Electronic Equipment, Engineering Services)
Aerospace Corporation, Los Angeles, California
ANCO Engineers, Inc., Culver City, California (primary clissification: Consulting Services)
AT&T Bell Laboratories, Short Hills, New Jersey
Autoresearch Labs, Inc., Chicago, Illinois
Brookhaven National Laboratory, Upton, New York
CSA Engineering Inc., Palo Alto, California (primary classification: Engineering Services)
Design Automation Inc., Lexington, Massachusetts (primary classification: Consulting Services)
Duracell Worldwide Technology Center, Needham, Massachusetts
ENSCO, Inc., Springfield, Virginia
ERIM (Environmental Research Institute of Michigan), Ann Arbor, Michigan
Exxon Research & Engineering Co., Florham Park, New Jersey (also classed with Petroleum)
Fermi National Accelerator Laboratory, Batavia, Illinois
GTE Laboratories, Inc., Waltham, Massachusetts
Institute for Astronomy, Honolulu, Hawaii

Institute for Defense Analyses, Alexandria, Virginia
Institute of Gas Technology, Chicago, Illinois
Jet Propulsion Laboratory, Pasadena, California
Johns Hopkins University Applied Physics Laboratory, Laurel, Maryland
Lanxide Corporation, Newark, Delaware
Lawler, Matusky & Skelby Engineers, Pearl River, New York (primary classification: Consulting Services)
Lawrence Livermore National Laboratory, Livermore, California
RAND Corporation, Santa Monica, California
Research Triangle Institute, Research Triangle Park, North Carolina
Rocket Research Company, Redmond, Washington (primary clasification: Aerospace)
Sandia National Laboratories, Livermore, California
Sandia National Laboratories, Albuquerque, New Mexico
Systems Research Laboratories, Dayton, Ohio
Teledyne Brown Engineering/Aerospace Group, Huntsville, Alabama (primary classification: Aerospace)
Teledyne Brown Engineering/R&D Group, Huntsville, Alabama
Thomas/Scifers, Inc., Manhattan Beach, California (primary classification: Aerospace)
University of Dayton Research Institute, Dayton, Ohio
University of Tennessee Space Institute, Energy Conservation Program, Tullahoma, Tennessee (also classed with Engineering Services)

EMC
AAES

ENGINEERING MANPOWER COMMISSION
OF THE AMERICAN ASSOCIATION OF ENGINEERING SOCIETIES

ENTERING EMC'S 40TH YEAR OF SERVICE TO THE ENGINEERING PROFESSION

415 Second Street, N.E., Suite 200
Washington, D.C. 20002
(202) 546-2237

Richard A. Ellis
Director, Manpower Studies

Donald C. Brown, Chairman
Paul B. Wood, Past Chairman
Luke H. Noggle, Vice Chairman
William M. Sangster, Vice Chairman

January, 1990

Dear Colleague:

The Engineering Manpower Commission is a non-profit organization entering its 40th year of service to the engineering community. Our compensation surveys have been used over the years as authoritative benchmarks for industry, government agencies, educational institutions, the press, engineering students and others. In the last five years, our coverage has increased by more than 50 percent, to over 110,000 engineers in industry and over 20,000 in government. At the same time, the content of the survey has been expanded, and we have greatly accelerated production of the results.

We encourage you to participate in this project. Enclosed are the forms for the Engineering Manpower Commission's 24th survey of the salaries of engineers. Your participation is of great value both to industry and to engineers. As in the past, all participants will receive copies of the EMC manpower bulletin, "Engineering Salaries 1990", a six-page publication containing tables, graphs and text reporting the general results of the survey. The participants will also be entitled to a 40% discount in the prices of our detailed reports.

PLEASE NOTE: **The deadline has been moved up to March 15, 1990. You have been sent the survey later than most organizations; however, if you need more time, we would prefer to receive your information late rather than not at all.** Last year printed reports from this project on the salaries of over 130,000 engineers were released in mid-July; with your help, we can provide the results for 1990 by the end of June.

We appreciate the support we are obtaining from engineering employers for this survey, and we look forward to your participation in 1990.

Best Regards,

R A Ellis

R. A. Ellis, Director
Manpower Studies

DEADLINE: MARCH 15, 1990
DATA ENTRY BEGINS FEB. 1
YOUR PROMPT RESPONSE
WILL HELP US RELEASE
THE RESULTS BY JULY 1990

PROFESSIONAL INCOME OF ENGINEERS - 1990

A Survey Conducted by the
ENGINEERING MANPOWER COMMISSION
American Association of Engineering Societies, Inc.
(202) 546-2237

DEADLINE: MARCH 15, 1990
DATA ENTRY BEGINS FEB. 1
YOUR PROMPT RESPONSE
WILL HELP US RELEASE
THE RESULTS BY JULY 1990

FORM A - to be used with Form B
Questionnaire Form for Engineering Graduates in NON-SUPERVISORY Positions Only

Have you considered sending in your data on a floppy disk? See the instructions on the last page of this form for more information.
If your organization employs no more than 50 engineers, you may elect to use the optional Form "C."
Otherwise, complete this form and Form "B," as follows.

1. IDENTIFICATION DATA: Unidentified forms cannot be included in the survey results. Confidentiality of your data is assured by EMC.
   - A. Is the name of the REPORTING ORGANIZATION on the mailing label affixed below correct? If not, please enter correct name here: _____
   - B. Is the ADDRESSEE'S name and title correct? (This person receives the survey forms and participant's bulletins.) If not, correct here: _____
   - C. Enter ADDRESSEE'S phone number: _____
   - D. If someone other than the addressee is responsible for the data, enter their NAME, TITLE, and PHONE NUMBER here: _____
   - E. If there are errors in the ADDRESS — street, mail stop, city, state, zip code, etc. — please enter corrections here: _____

2. CLASSIFICATION DATA: This information is needed to group data by industry sectors, size of organizations, and geography.
   - A. Total number of ALL employees in organization/unit, to measure organization's size *(approximations are okay)*: _____
   - B. Total number of NON-SUPERVISORY engineers reported on this Form A: _____
   - C. List the States in which these engineers are PREDOMINANTLY employed, for the purpose of determining regional salary differences: _____
   - D. If any employed NON-SUPERVISORY engineering graduates are NOT included in this report, please indicate the number of such employees: _____ and the REASON for omission: _____
   - E. PRODUCT OR SERVICE CODES: Use as many as necessary to describe the organization (see below for categories):
     Primary: _____ Secondary: _____ Other: _____

MANUFACTURING INDUSTRY GROUPS, BY PRODUCT AREAS:		NON-MANUFACTURING, BY SERVICE AREA:	GOVERNMENT AGENCIES, BY LEVEL:
31 Aerospace	36 Machinery (other than electrical)	88 Business, Trade, Publishing	01 Federal
37 Automotive	42 Metal Products, Fabricated	81 Communication Services	02 State
35 Business Machines	41 Metals, Basic	68 Construction	03 Local
51 Ceramic Products: Stone, Clay, Glass, Cement	53 Paper Products	71 Consultants, Engineering & Architectural	NON PROFIT INSTITUTIONS:
11 Chemicals, Drugs, Plastics	18 Petroleum	72 Engineering Services, Other: Specify: _____	94 Professional Societies
27 Computer Hardware/Software	46 Railroad Equipment	61 Mining	95 Other Non Profit Institution: Specify: _____
21 Electrical Machinery and Equipment	55 Rubber & Plastic	74 Research Organizations/Laboratories	
26 Electronic Equipment	52 Food products Products, Fabricated	84 Transportation Services	ALL OTHERS:
52 Food Products	38 Shipbuilding	86 Electric Utilities (including mixed)	96 Specify nature of organization:
34 Instruments (precision)	54 Textile Products	87 Gas Utilities & Pipelines	_____
56 Lumber & Wood Products		89 Other Non-Manufacturing: Specify _____	_____
59 Other Manufacturing: Specific Product(s): _____			

3. EMC collects data on BASE SALARY ONLY. What PERCENTAGE of the NON-SUPERVISORY engineers reported on this form also received significant bonuses or other forms of special incentive compensation in **1989**? Rough estimates are okay; if none, please enter a zero; if you don't know, enter "DK": _____

COMPLETE THE INSIDE PAGES OF THIS FORM.
ALSO COMPLETE FORM B. RETURN THE FORMS TO:

ENGINEERING MANPOWER COMMISSION
AMERICAN ASSOCIATION OF ENGINEERING SOCIETIES
415 2nd STREET, N.E., WASHINGTON, D.C. 20002

A Business Reply Envelope is provided for your convenience.

FORM A — PRESENT SALARY OF NON-SUPERVISORY ENGINEERING GRADUATES

IMPORTANT - please read carefully before filling out form. Do NOT enter salary amounts, enter the number of persons in the salary-and-experience bracket. See sample form on the last page.

This form gives the distribution of employed engineering graduates as a function of salary bracket, highest degree held, and years of experience as measured since graduation with a bachelor's degree. Salary brackets are indicated at the left of each row — *note that some brackets include a wider salary range than others.* Separate sections of the form are set aside for each degree level — bachelor, master, or doctor. Individuals are to be reported in the section corresponding to highest degree level, but within each section they are to be reported in the column for their *year of graduation with bachelor's degree*, to give a common basis for comparison. If year of graduation cannot be given, report by **age** (average 1980 graduate is 23, etc.). Data for those graduating in the 1st quarter of 1980 should be combined with that for 1980 graduates. See the sample filled-out form for an illustration.

SALARY - should include base salary before deductions, and any regular allowances such as cost of living differential, etc. Do not include unpredictable payments for overtime work, stock options, bonuses, etc. Rates should be those in effect on February 1, 1980.

NON-SUPERVISORY ENGINEERS - should include all engineering graduates whose duties are NOT primarily supervisory or managerial. It is recognized that the precise definition of this group will vary somewhat from company to company. ***Please include non-supervisory engineering graduates who are currently in non-technical positions.*** If any engineering graduates must be omitted, please describe on line 20 on the first page of this form. ***Do not report part-time employees.***

	ANNUAL SALARY	YEAR OF BACCALAUREATE DEGREE (OR AGE)																
	BACHELORS DEGREE HIGHEST HELD	1980 (23)	1979 (24)	1978 (25)	1977 (26)	1976 (27)	1975 (28)	1974 (29)	1973 (30)	1972 (31)	1970-1971 (32-34)	1968-1969 (35-37)	1965-1967 (38-40)	1963-1964 (41-43)	1961-1962 (44-46)	1959-1960 (47-49)	1957-1958 (50-52)	1956-1954 (53-55)	UP TO 1953 (56+)
101	$125,000 & over																		
102	$100,000-124,999																		
103	$95,000-99,999																		
104	$90,000-94,999																		
105	$85,000-89,999																		
106	$80,000-84,999																		
107	$76,000-79,999																		
108	$72,000-75,999																		
109	$68,000-71,999																		
110	$64,000-67,999																		
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121	$32,000-33,999																		
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123	$28,000-29,999																		
124	$26,000-27,999																		
125	$24,000-25,999																		
126	$22,000-23,999																		
127	Less than $22,000																		

MASTERS DEGREE HIGHEST HELD (REPORT UNDER YEAR OF BACCALAUREATE DEGREE OR AGE, AS ABOVE)

201	$125,000 & over																		
202	$100,000-124,999																		
203	$95,000-99,999																		
204	$90,000-94,999																		
205	$85,000-89,999																		
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223	$28,000-29,999																		
224	$26,000-27,999																		
225	$24,000-25,999																		
226	$22,000-23,999																		
227	Less than $22,000																		

DOCTORS DEGREE HIGHEST HELD (REPORT UNDER YEAR OF BACCALAUREATE DEGREE OR AGE, AS ABOVE)

301	$125,000 & over																		
302	$100,000-124,999																		
303	$95,000-99,999																		
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327	Less than $22,000																		

NOTE: Please use extra caution in filling in shaded areas. Ordinarily no employees are reported in these portions of the form.

GENERAL INSTRUCTIONS:

There are three possible ways to respond:

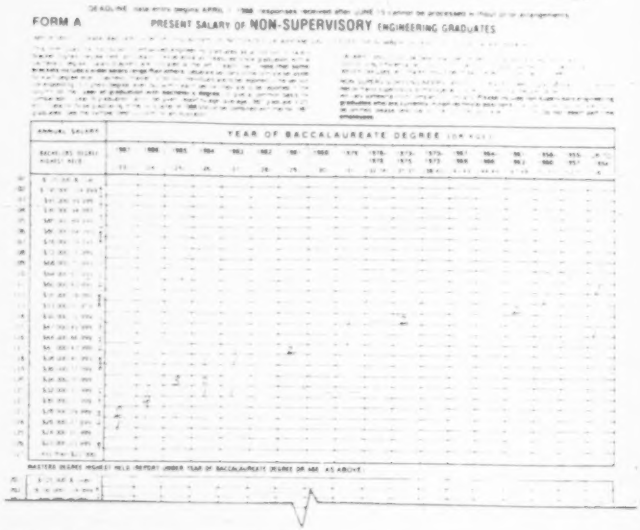
1. It may be possible to easily access your organization's data records to produce a machine-readable file for a common IBM-standard personal computer. See below for further instructions. Don't forget that we must have a copy of page one of the questionnaire, or its equivalent in information on a floppy disk, in order to process the data! EMC much prefers this form of response, as it is faster, more accurate, and ultimately much more convenient for all parties.

2. If your organization has NO MORE THAN 50 engineering graduates, you can choose to simply list them (no names, please) one-by-one on the optional Form C. PLEASE: do not use Form C to report more than 50 engineers. Make up a floppy-based response instead (most word processors will do the job easily — just make sure to save the work as an ASCII "non-document" file), or use Forms A and B.

3. The traditional method is to use EMC's matrix-style Forms A and B. Be sure to complete ALL of the items on page 1 of these forms (you need not duplicate your responses, but NOTE: EACH FORM MUST INCLUDE SEPARATE REPLIES TO QUESTIONS #2B, #2D, AND #3). See the sample of a completed Form A (top third only) at the right.

4. Whatever approach you use, check your responses carefully before returning them to EMC. EMC welcomes inquiries from participants and will provide help for respondents. Call us at the number listed at the top of Page 1 of the form.

Example of a completed Form A (from the 1988 survey)


FORM A

PRESENT SALARY OF NON-SUPERVISORY ENGINEERING GRADUATES

YEAR OF BACCALAUREATE DEGREE

EMC POLICY REGARDING SALARY SURVEY PARTICIPANTS

It is our policy to list the names of the organizations participating in our salary surveys, by sector, so that users will be able to ascertain whether a particular industry group is representative of their own. At the same time, it is our long-standing policy to protect each respondent's data from disclosure to anyone else. To protect the confidentiality of information and to provide adequate safeguards against the disclosure of data identified with any particular survey participant, the following precautions are taken:

1. Company identifications are used only for the purpose of maintaining EMC'S mailing lists and are not entered with the salary data files in our computer. No sector is formed unless at least five responding organizations can be included.

2. The only persons with access to returned salary data forms are the AAES staff who process the surveys. Responding organizations' data are not disclosed to anyone. There are no exceptions to this policy.

3. If a single employer's responses account for more than half of the number of data points — engineers — reported for any group, weighting procedures are used to prevent that employer's information from unduly dominating the statistics for the group.

4. At least 200 engineers must be represented in any data set for engineers in industry or government before statistics for the group will be published.

5. Within data sets, statistics are not generated for particular experience categories unless the bracket includes at least one percent of the total number of engineers for the set AND at least ten engineers are present.

6. EMC does not obtain the names of individual engineers represented by the data. The only names collected are those of the addressees and other contact persons used for our mailing lists, and these names are not published or disclosed.

7. Anonymous responses are not used. Responses requesting that the responding organization not be identified are refused and returned to their originator.

SPECIAL INSTRUCTIONS FOR ORGANIZATIONS PROVIDING SALARY DATA ON FLOPPY DISK MEDIA

EMC is encouraging its salary survey participants to respond by submitting machine-readable files. In 1989, data on over 40,000 engineers were reported in this fashion. Media must be in the form of standard double-sided, double-density 5 1/4" floppy diskettes, either 360K or 1.2 meg. We use MS-DOS 3.2; with UNIFORM-PC we can also handle PC and MS-DOS versions 1 and 2, as well as most common CP/M formats.

Floppies should be mailed in appropriate containers (heavy cardboard disk mailers are best). You MUST also enclose a completed copy of PAGE 1 of the questionnaire (Form C is suggested), to provide your organization's ID and classification data. Alternatively, you may provide an ASCII text file on the disk with your responses to the page 1 questions. (Note that some items need separate responses for both supervisors and non-supervisors.) Without these data, your response cannot be processed. Give any such text file the name "SALARY.INF."

Your salary data file should be named "SALARY.DAT" and MUST take the following format:

1. The data file must be pure ASCII.

2. Data must be entered in the form of one line (or record) per engineer, terminated by a CR-LF (carriage return/line feed combination). Don't forget to use the CR-LF after the last line of data.

3. The contents of each line should be as follows:

- Character 01: either S or N, for Supervisor or Nonsupervisor.
- Character 02: always a comma.
- Character 03: B, M, or P, for Bachelor, Masters, or Ph.D. degree. If degree is unknown or there is no degree, a B.S. equivalent will be assumed.
- Character 04: always a comma.
- Character 05-06: two digits for YEAR GRADUATED WITH BACHELOR'S DEGREE (last two digits only). If unknown, enter "99" AND enter the age (see next item).
- Character 07: always a comma.
- Characters 08-09: two digits for AGE. If the previous YEAR GRADUATED WITH BACHELOR'S DEGREE item has been provided, this may be treated as an unknown and coded "99." If both the year and the age are provided, EMC will use those data to improve its procedures for using age to estimate the year of graduation with the B.S. degree. Note that the "99" code should be explicitly entered (blanks or zeros will be treated as "99's" IF the preceding YEAR data is supplied).
- Character 10: always a comma.
- Characters 11-16: six digits for annual salary, right-justified and zero-filled. Leading blanks will be treated as zeros. A CR-LF code must follow the entry.

ANY ENTRIES OTHER THAN THOSE DESCRIBED ABOVE WILL BE ASSUMED TO BE ERRORS AND WILL CAUSE THE ENTIRE LINE TO BE IGNORED.

4. There will be as many lines as there are engineers reported. On your enclosed Form "C" or in the added SALARY.INF text file, PLEASE SPECIFY THE TOTAL NUMBER OF ENGINEERS REPORTED BY YOUR COMPANY. Comparison of your counts with our own totals is one of several elementary quality control checks employed by EMC.

5. LABEL your diskette with AT LEAST the following information: your organization's name, the particular diskette format used (we will assume DOS if no other information is provided), and the identifier "90EMCSAL."

DEADLINE:
MARCH 15, 1990
DATA ENTRY BEGINS FEB. 1
YOUR PROMPT RESPONSE
WILL HELP US RELEASE
THE RESULTS BY JULY 1990

PROFESSIONAL INCOME OF ENGINEERS - 1990

A Survey Conducted by the
ENGINEERING MANPOWER COMMISSION
American Association of Engineering Societies, Inc.
(202) 546-2237

DEADLINE:
MARCH 15, 1990
DATA ENTRY BEGINS FEB. 1
YOUR PROMPT RESPONSE
WILL HELP US RELEASE
THE RESULTS BY JULY 1990

FORM B - to be used with Form A
Questionnaire Form for Engineering Graduates in SUPERVISORY Positions Only

Have you considered sending in your data on a floppy disk? See the instructions on the last page of this form for more information. If your organization employs no more than 50 engineers, you may elect to use the optional Form "C." Otherwise, complete Form A, then complete this form. NOTE: Items 2B, 2D, and 3 require SEPARATE answers on BOTH forms. If you have answered all other questions on Form A, you need not repeat that information here.

1. IDENTIFICATION DATA: Unidentified forms cannot be included in the survey results. Confidentiality of your data is assured by EMC.
   - A. Is the name of the REPORTING ORGANIZATION on the mailing label affixed below correct? If not, please enter correct name here: _____
   - B. Is the ADDRESSEE'S name and title correct? (This person receives the survey forms and participant's bulletins) If not, correct here: _____
   - C. Enter ADDRESSEE'S phone number: _____
   - D. If someone other than the addressee is responsible for the data, enter their NAME, TITLE, and PHONE NUMBER here: _____
   - E. If there are errors in the ADDRESS — street, mail stop, city, state, zip code, etc. — please enter corrections here: _____

2. CLASSIFICATION DATA: This information is needed to group data by industry sectors, size of organizations, and geography:
   - A. Total number of ALL employees in organization/unit, to measure organization's size *(approximations are okay)*: _____
   - B. Total number of SUPERVISORY engineers reported on this Form B: _____
   - C. List the States in which these engineers are PREDOMINANTLY employed, for the purpose of determining regional salary differences: _____
   - D. If any employed SUPERVISORY engineering graduates are NOT included in this report, please indicate the number of such employees: _____ . . . and the REASON for omission: _____
   - E. PRODUCT OR SERVICE CODES: Use as many as necessary to describe the organization (see below for categories):
     Primary: _____ Secondary: _____ Other: _____

MANUFACTURING INDUSTRY GROUPS, BY PRODUCT AREAS:		NON-MANUFACTURING, BY SERVICE AREA:	GOVERNMENT AGENCIES, BY LEVEL:
31 Aerospace	36 Machinery (other than electrical)	88 Business, Trade, Publishing	01 Federal
37 Automotive	42 Metal Products, Fabricated	81 Communication Services	02 State
35 Business Machines	41 Metals, Basic	68 Construction	03 Local
51 Ceramic Products: Stone, Clay, Glass, Cement	53 Paper Products	71 Consultants, Engineering & Architectural	NON PROFIT INSTITUTIONS:
11 Chemicals, Drugs, Plastics	18 Petroleum	72 Engineering Services, Other: Specify: _____	94 Professional Societies
27 Computer Hardware/Software	46 Railroad Equipment	61 Mining	95 Other Non Profit Institution: Specify: _____
21 Electrical Machinery and Equipment	55 Rubber & Plastic	74 Research Organizations/Laboratories	ALL OTHERS:
26 Electronic Equipment	52 Food products Products, Fabricated	84 Transportation Services	98 Specify nature of organization: _____
52 Food Products	38 Shipbuilding	86 Electric Utilities (including mixed)	
34 Instruments (precision)	54 Textile Products	87 Gas Utilities & Pipelines	
56 Lumber & Wood Products		89 Other Non-Manufacturing: Specify _____	
59 Other Manufacturing: Specific Product(s): _____			

3. EMC collects data on BASE SALARY ONLY. What PERCENTAGE of the SUPERVISORY engineers reported on this form also received significant bonuses or other forms of special incentive compensation in **1989**? Rough estimates are okay; if none, please enter a zero; if you don't know, enter 'DK": _____

COMPLETE THE INSIDE PAGES OF THIS FORM.
ALSO COMPLETE FORM A. RETURN THE FORMS TO:

ENGINEERING MANPOWER COMMISSION
AMERICAN ASSOCIATION OF ENGINEERING SOCIETIES
415 2nd STREET, N.E., WASHINGTON, D.C. 20002

A Business Reply Envelope is provided for your convenience.

FORM B

PRESENT SALARY OF SUPERVISORY ENGINEERING GRADUATES ONLY

(IMPORTANT - please read carefully before filling out form. Do NOT enter salary amounts, enter the number of persons in the salary-and-experience bracket. See sample form on the last page.

This form gives the distribution of employed engineering graduates as a function of salary bracket, highest degree held, and years of experience as measured since graduation with a bachelor's degree. Salary brackets are indicated at the left of each row — ***note that some brackets include a wider salary range than others.*** Separate sections of the form are set aside for each degree level — bachelor, master or doctor. Individuals are to be reported in the section corresponding to highest degree level, but within each section they are to be reported in the column for their ***year of graduation with bachelor's degree,*** to give a common basis for comparison. If year of graduation cannot be given, report by **age** (average 1989 graduate is 23, etc.). Data for those graduating in the 1st quarter of 1990 should be combined with that for 1989 graduates. See the sample filled-out form for an illustration.

SALARY should include base salary before deductions, and any regular allowances such as cost of living differential, etc. Do not include unpredictable payments for overtime work, stock options, bonuses, etc. Rates should be those in effect on February 1, 1990.

SUPERVISORY ENGINEERS should include all engineering graduates whose duties are primarily supervisory or managerial. It is recognized that the precise definition of this group will vary somewhat from company to company. ***Please report all supervisory engineering graduates, including those who are in general management or non-technical positions.*** If any, must be omitted, please describe them on line 2D of the first page of this form. ***Do not report part-time employees.***

	ANNUAL SALARY	YEAR OF BACCALAUREATE DEGREE (OR AGE)																
	BACHELORS DEGREE HIGHEST HELD	1989 (23)	1988 (24)	1987 (25)	1986 (26)	1985 (27)	1984 (28)	1983 (29)	1982 (30)	1981 (31)	1978-1980 (32-34)	1975-1977 (35-37)	1972-1974 (38-40)	1969-1971 (41-43)	1966-1968 (44-46)	1963-1965 (47-49)	1960-1962 (50-52)	1957-1959 (53-55)	UP TO 1956 (56+)	
101	$125,000 & over																			101
102	$100,000-124,999																			102
103	$95,000-99,999																			103
104	$90,000-94,999																			104
105	$85,000-89,999																			105
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107	$76,000-79,999																			107
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127	Less than $22,000																			127

MASTERS DEGREE HIGHEST HELD (REPORT UNDER YEAR OF BACCALAUREATE DEGREE OR AGE, AS ABOVE)

201	$125,000 & over																			201
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3. The traditional method is to use EMC's matrix-style Forms A and B. Be sure to complete ALL of the items on page 1 of these forms (you need not duplicate your responses, but NOTE: EACH FORM MUST INCLUDE SEPARATE REPLIES TO QUESTIONS #2B, #2D, AND #3). See the sample of a completed Form A (top third only) at the right.

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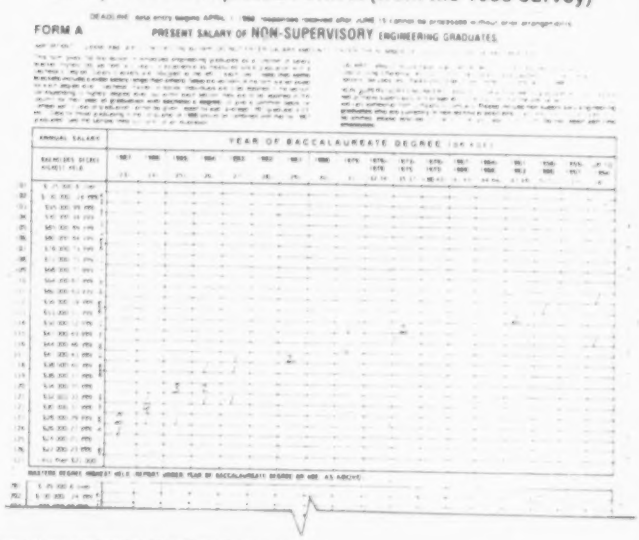
Example of a completed Form A (from the 1988 survey)


FORM A PRESENT SALARY OF NON-SUPERVISORY ENGINEERING GRADUATES

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1. The data file must be pure ASCII.

2. Data must be entered in the form of one line (or record) per engineer, terminated by a CR-LF (carriage return/line feed combination). Don't forget to use the CR-LF after the last line of data.

3. The contents of each line should be as follows:

- Character 01: either S or N, for Supervisor or Nonsupervisor.
- Character 02: always a comma.
- Character 03: B, M, or P, for Bachelor, Masters, or P.H.D. degree. If degree is unknown or there is no degree, a B.S. equivalent will be assumed.
- Character 04: always a comma.
- Character 05-06: two digits for YEAR GRADUATED WITH BACHELOR'S DEGREE (last two digits only). If unknown, enter "99" AND enter the age (see next item).
- Character 07: always a comma.
- Characters 08-09: two digits for AGE. If the previous YEAR GRADUATED WITH BACHELOR'S DEGREE item has been provided, this may be treated as an unknown and coded "99." If both the year and the age are provided, EMC will use those data to improve its procedures for using age to estimate the year of graduation with the B.S. degree. Note that the "99" code should be explicitly entered (blanks or zeros will be treated as "99's" IF the preceding YEAR data is supplied).
- Character 10: always a comma.
- Characters 11-16: six digits for annual salary, right-justified and zero-filled. Leading blanks will be treated as zeros. A CR-LF code must follow the entry.

ANY ENTRIES OTHER THAN THOSE DESCRIBED ABOVE WILL BE ASSUMED TO BE ERRORS AND WILL CAUSE THE ENTIRE LINE TO BE IGNORED.

4. There will be as many lines as there are engineers reported. On your enclosed Form "C" or in the added SALARY.INF text file, PLEASE SPECIFY THE TOTAL NUMBER OF ENGINEERS REPORTED BY YOUR COMPANY. Comparison of your counts with our own totals is one of several elementary quality control checks employed by EMC.

5. LABEL your diskette with AT LEAST the following information: your organization's name, the particular diskette format used (we will assume DOS if no other information is provided), and the identifier "90EMCSAL."

DEADLINE: MARCH 15, 1990
DATA ENTRY BEGINS FEB. 1
YOUR PROMPT RESPONSE
WILL HELP US RELEASE
THE RESULTS BY JULY 1990

PROFESSIONAL INCOME OF ENGINEERS - 1990

A Survey Conducted by the
ENGINEERING MANPOWER COMMISSION
American Association of Engineering Societies, Inc.
(202) 546-2237

DEADLINE: MARCH 15, 1990
DATA ENTRY BEGINS FEB. 1
YOUR PROMPT RESPONSE
WILL HELP US RELEASE
THE RESULTS BY JULY 1989

FORM C - Optional Short Form, used in place of both Forms A and B

For organizations with no more than 50 engineers, including both supervisors and non-supervisors

Have you considered sending in your data on a floppy disk? See the instructions on the last page of this form for more information.

1. IDENTIFICATION DATA: Unidentified forms cannot be included in the survey results. Confidentiality of your data is assured by EMC.
   - A. Is the name of the REPORTING ORGANIZATION on the mailing label affixed below correct? If not, please enter correct name here: _____
   - B. Is the ADDRESSEE'S name and title correct? (This person receives the survey forms and participant's bulletins.) If not, correct here: _____
   - C. Enter ADDRESSEE'S phone number: _____
   - D. If someone other than the addressee is responsible for the data, enter their NAME, TITLE, and PHONE NUMBER here: _____
   - E. If there are errors in the ADDRESS — street, mail stop, city, state, zip code, etc. — please enter corrections here: _____

2. CLASSIFICATION DATA: This information is needed to group data by industry sectors, size of organizations, and geography.
   - A. Total number of ALL employees in organization/unit, to measure organization's size *(approximations are okay)*: _____
   - B. List the States in which these engineers are PREDOMINANTLY employed, for the purpose of determining regional salary differences: _____
   - C. If any employed NON-SUPERVISORY engineering graduates are NOT included in this report, please indicate the number of such employees: _____ and the REASON for omission: _____
   - D. If any employed SUPERVISORY engineering graduates are NOT included in this report, please indicate the number of such employees: _____ and the REASON for omission: _____
   - E. PRODUCT OR SERVICE CODES: Use as many as necessary to describe the organization (see below for categories):
     Primary: _____ Secondary: _____ Other: _____

MANUFACTURING INDUSTRY GROUPS, BY PRODUCT AREAS:		NON-MANUFACTURING, BY SERVICE AREA:	GOVERNMENT AGENCIES, BY LEVEL:
31 Aerospace	36 Machinery (other than electrical)	88 Business, Trade, Publishing	01 Federal
37 Automotive	42 Metal Products, Fabricated	81 Communication Services	02 State
35 Business Machines	41 Metals, Basic	68 Construction	03 Local
51 Ceramic Products: Stone, Clay, Glass, Cement	53 Paper Products	71 Consultants, Engineering & Architectural	NON PROFIT INSTITUTIONS:
11 Chemicals, Drugs, Plastics	18 Petroleum	72 Engineering Services, Other: Specify: _____	94 Professional Societies
27 Computer Hardware/Software	46 Railroad Equipment	61 Mining	95 Other Non Profit Institution: Specify: _____
21 Electrical Machinery and Equipment	55 Rubber & Plastic	74 Research Organizations/Laboratories	ALL OTHERS:
26 Electronic Equipment	52 Food products Products, Fabricated	84 Transportation Services	96 Specify nature of organization:
52 Food Products	38 Shipbuilding	86 Electric Utilities (including mixed)	_____
34 Instruments (precision)	54 Textile Products	87 Gas Utilities & Pipelines	_____
56 Lumber & Wood Products		89 Other Non-Manufacturing: Specify _____	
59 Other Manufacturing: Specific Product(s): _____			

3. EMC collects data on BASE SALARY ONLY:
   A. What PERCENTAGE of the NON-SUPERVISORY engineers reported on this form also received significant bonuses or other forms of special incentive compensation in 1989? Rough estimates are okay; if none, please enter a zero; if you don't know, enter "DK": _____
   B. What PERCENTAGE of the SUPERVISORY engineers reported on this form also received significant bonuses or other forms of special incentive compensation in 1989? Rough estimates are okay; if none, please enter a zero; if you don't know, enter "DK": _____

COMPLETE THE INSIDE PAGES OF THIS FORM.
RETURN THE FORM TO:

ENGINEERING MANPOWER COMMISSION
AMERICAN ASSOCIATION OF ENGINEERING SOCIETIES
415 2nd STREET, N.E., WASHINGTON, D.C. 20002

A Business Reply Envelope is provided for your convenience.

DEADLINE: MARCH 15, 1990. Data entry begins FEBRUARY 1. Your prompt response will help us release the results by July, 1990.

FORM C

PRESENT SALARY OF ENGINEERING GRADUATES

Optional Short Form for UP TO 50 supervisors and/or non-supervisors

IMPORTANT — please read carefully before filling out form.

This form replaces EMC'S traditional matrix style instruments, which allow entry of data for large engineering staffs of up to several thousand persons, in order to provide a simpler data entry form for small organizations. Simply complete one line of the form for each engineer to be reported.

ALL indicated data is needed. NO other data is needed. Please do NOT write names on these forms.

SUPERVISORS include all engineering graduates whose duties are primarily supervisory or managerial. Other engineers are NON-SUPERVISORS. It is recognized that the precise definition of these terms will vary somewhat from company to company. Please include engineering graduates who are currently in general management or non-technical positions. If any engineering graduates must be omitted, please describe on page 1 of this form. DO NOT REPORT PART-TIME EMPLOYEES. Only "S" or "N" should appear in the first column of the form.

EMC measures experience as the number of years since receiving the bachelor's degree. If that date is not available, age is used to estimate it. If you can provide both the year and age data, EMC will use this information to improve its estimation procedures. Either data element will suffice, however.

ANNUAL SALARY — should include base salary before deductions, and any regular allowances such as cost of living differential, etc. Rates should be those in effect on February 1, 1990.

If you use this form, your copies of Forms A and B may be discarded. PLEASE do not use this form to report more than 50 engineers. Make up a disk-based response instead (the format is virtually identical), or use Forms A and B.

	Supervisor (S) or Non-supervisor (N)? Enter S or N	Highest Degree Held B - Bachelor M - Master P - Ph.D Enter B, M, or P	Year graduated with BACHELOR's degree Enter YEAR	Age as of Feb. 1, 1990 Enter AGE	Annual Salary as of Feb. 1, 1990 Enter ANNUAL SALARY
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GENERAL INSTRUCTIONS:

There are three possible ways to respond:

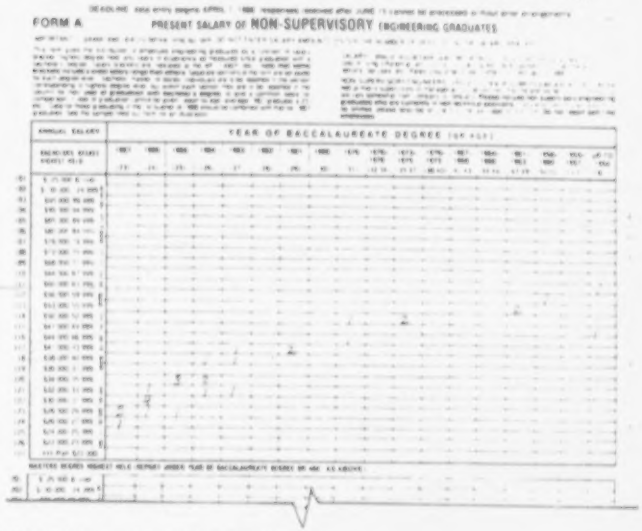
1. It may be possible to easily access your organization's data records to produce a machine-readable file for a common IBM-standard personal computer. See below for further instructions. Don't forget that we must have a copy of page one of the questionnaire, or its equivalent in information on a floppy disk, in order to process the data! EMC much prefers this form of response, as it is faster, more accurate, and ultimately much more convenient for all parties.

2. If your organization has NO MORE THAN 50 engineering graduates, you can choose to simply list them (no names, please) one-by-one on the optional Form C. PLEASE: do not use Form C to report more than 50 engineers. Make up a floppy-based response instead (most word processors will do the job easily — just make sure to save the work as an ASCII "non-document" file), or use Forms A and B.

3. The traditional method is to use EMC's matrix-style Forms A and B. Be sure to complete ALL of the items on page 1 of these forms (you need not duplicate your responses, but NOTE: EACH FORM MUST INCLUDE SEPARATE REPLIES TO QUESTIONS #2B, #2D, AND #3). See the sample of a completed Form A (top third only) at the right.

4. Whatever approach you use, check your responses carefully before returning them to EMC. EMC welcomes inquiries from participants and will provide help for respondents. Call us at the number listed at the top of Page 1 of the form.

Example of a completed Form A (from the 1988 survey)


FORM A PRESENT SALARY OF NON-SUPERVISORY ENGINEERING GRADUATES

YEAR OF BACCALAUREATE DEGREE

EMC POLICY REGARDING SALARY SURVEY PARTICIPANTS

It is our policy to list the names of the organizations participating in our salary surveys, by sector, so that users will be able to ascertain whether a particular industry group is representative of their own. At the same time, it is our long-standing policy to protect each respondent's data from disclosure to anyone else. To protect the confidentiality of information and to provide adequate safeguards against the disclosure of data identified with any particular survey participant, the following precautions are taken:

1. Company identifications are used only for the purpose of maintaining EMC'S mailing lists and are not entered with the salary data files in our computer. No sector is formed unless at least five responding organizations can be included.

2. The only persons with access to returned salary data forms are the AAES staff who process the surveys. Responding organizations' data are not disclosed to anyone. There are no exceptions to this policy.

3. If a single employer's responses account for more than half of the number of data points — engineers — reported for any group, weighting procedures are used to prevent that employer's information from unduly dominating the statistics for the group.

4. At least 200 engineers must be represented in any data set for engineers in industry or government before statistics for the group will be published.

5. Within data sets, statistics are not generated for particular experience categories unless the bracket includes at least one percent of the total number of engineers for the set AND at least ten engineers are present.

6. EMC does not obtain the names of individual engineers represented by the data. The only names collected are those of the addressees and other contact persons used for our mailing lists, and these names are not published or disclosed.

7. Anonymous responses are not used. Responses requesting that the responding organization not be identified are refused and returned to their originator.

SPECIAL INSTRUCTIONS FOR ORGANIZATIONS PROVIDING SALARY DATA ON FLOPPY DISK MEDIA

EMC is encouraging its salary survey participants to respond by submitting machine-readable files. In 1989, data on over 40,000 engineers were reported in this fashion. Media must be in the form of standard double-sided, double-density 5 1/4" floppy diskettes, either 360K or 1.2 meg. We use MS-DOS 3.2; with UNIFORM-PC we can also handle PC and MS-DOS versions 1 and 2, as well as most common CP/M formats.

Floppies should be mailed in appropriate containers (heavy cardboard disk mailers are best). You MUST also enclose a completed copy of PAGE 1 of the questionnaire (Form C is suggested), to provide your organization's ID and classification data. Alternatively, you may provide an ASCII text file on the disk with your responses to the page 1 questions. (Note that some items need separate responses for both supervisors and non-supervisors.) Without these data, your response cannot be processed. Give any such text file the name "SALARY.INF."

Your salary data file should be named "SALARY.DAT" and MUST take the following format:

1. The data file must be pure ASCII.

2. Data must be entered in the form of one line (or record) per engineer, terminated by a CR-LF (carriage return/line feed combination). Don't forget to use the CR-LF after the last line of data.

3. The contents of each line should be as follows:

- Character 01: either S or N, for Supervisor or Nonsupervisor.
- Character 02: always a comma.
- Character 03: B, M, or P, for Bachelor, Masters, or Ph.D. degree. If degree is unknown or there is no degree, a B.S. equivalent will be assumed.
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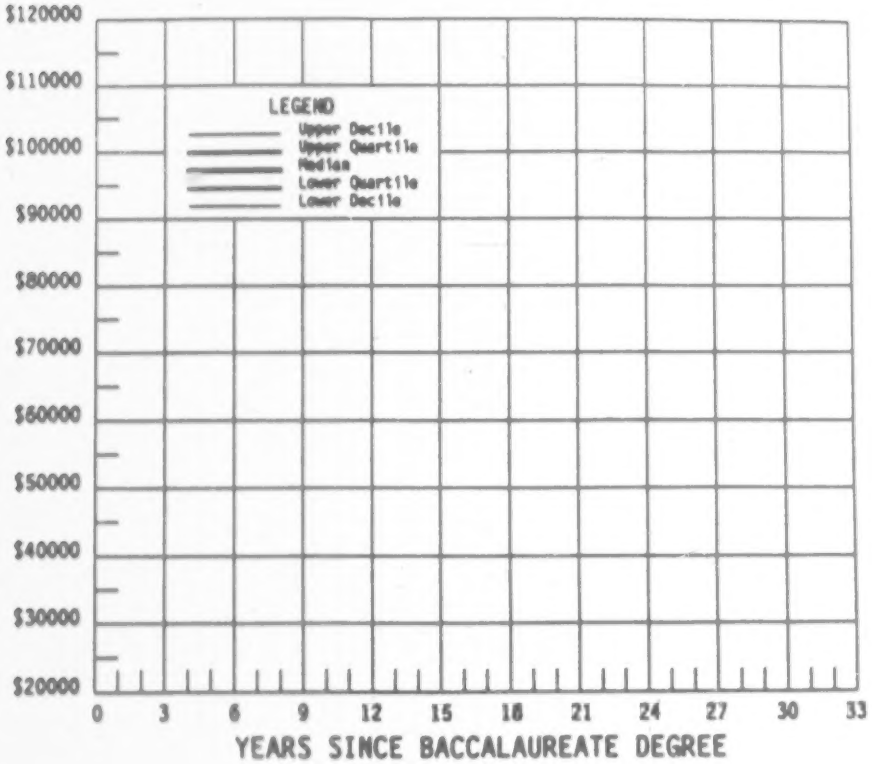
5. LABEL your diskette with AT LEAST the following information: your organization's name, the particular diskette format used (we will assume DOS if no other information is provided), and the identifier "90EMCSAL."

SALARY CURVES FOR ENGINEERS



CURRENT ENGINEERING MANPOWER COMMISSION PUBLICATIONS

NOTE: AAES has moved; see new address below. Custom runs of compensation data are possible; call us for details. Our machine-readable products are provided on IBM-standard 5 1/4" floppy disks and include most, not but all, of the details available in EMC's printed reports. For more information, contact the AAES Manpower Studies Department.

ENGINEERS' SALARIES: SPECIAL INDUSTRY REPORT 1990

A detailed breakdc ... t of engineering salaries according to type of industry, geographic regions, company size, employee experience, highest degree held, and supervisory status. Tables and graphs depict salaries in medians, quartiles, deciles and means.

member price: $169.00 non-member price: $287.50

PROFESSIONAL INCOME OF ENGINEERS 1990

An abridged version of the Special Industry Report. Details for salary differences by highest degree held are not included; tabulations are added on engineering compensation in local, state and federal government agencies.

member price: $59.50 non-member price: $97.00

SALARIES OF ENGINEERS IN EDUCATION 1990

Median, quartile, decile and mean salaries across 18 experience brackets for engineering faculty, by academic rank, contract types, and type of institution.

member price: $70.00 non-member price: $112.00

ENGINEERING AND TECHNOLOGY ENROLLMENTS, FALL 1989

A two-volume overview of the enrollment of students in engineering and engineering technology programs throughout the nation. Details by fields of study for specific schools and states, with added tabulations for women, minorities, and foreign nationals.

Complete set: member price: $120.00 non-member price $195.00

Separate volumes:

Part I: Engineering Enrollments: member price: $70.00 non-member price: $115.00

Part II: Technology Enrollments: member price: $70.00 non-member price: $115.00

NEW! Machine-readable data files for Lotus 1-2-3: member price $595.00 non-member price $795.00

ENGINEERING AND TECHNOLOGY DEGREES, 1989

A comprehensive report on recent engineering and engineering technology degrees in three volumes. Part I provides general statistics for schools and states on degrees in 40 engineering and technology disciplines. Part II provides similar data for awards to women, minorities, and foreign nationals. Part III includes detailed data for specific curricula.

Complete Set: member price: $140 non-member price: $230.00

Separate volumes:

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Part II: Minorities: member price: $75.00 non-member price: $115.00

Part III: by Curriculum: member price: $55.00 non-member price: $89.00

NEW! Machine-readable data files for Lotus 1-2-3: member price $595.00 non-member price $795.00

ENGINEERING MANPOWER BULLETINS

Concise, timely information on trends in engineering salaries, enrollments, degrees, women and minorities in engineering, other topics.

Full subscription year: member price: $66.00 non-member price: $110.00

Single copies: member price: $9.00 non-member price: $14.00

TO ORDER:

Member prices are available to members of AAES member societies, employees of Industry Affiliates, and educational institutions or firms that have participated in the study to be purchased. Special prices are available to subsidiaries and employees of EMC Sustaining Associates. Please include society affiliation and membership number, Industry Affiliate, EMC Sustaining Associate, or survey participant information with your order, if applicable. First class postage (U.S. domestic) is included in the purchase price. Foreign orders add 10%; check must be payable in U.S. funds. Institutional purchase orders are accepted, as are Visa and MasterCard charges (include account number, expiration date and signature). Orders charged to Visa and MasterCard accounts may be placed directly by phone (U.S. only) at 1-800-658-8897. Mail orders should be directed to the AAES Publications Department, Suite 608, 1111 19th St. N.W., Washington, D.C. 20036-3690.

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